YALE UNIVERSITY OBSERVATORY

CATALOGUE OF BRIGHT STARS

Containing data compiled through 1962

Third Revised Edition

by Dorrit Hoffleit

WITH APPENDICES GIVING INDICES TO
CONSTELLATION DESIGNATIONS AND
NAMED STARS

New Haven, Connecticut
1964

YALE CATALOGUE OF BRIGHT STARS (Third Revised Edition, 1964) DORRIT HOFFLEIT

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INTRODUCTION

The second edition of the Yale Bright Star Catalogue (1940) included all except 19 of the 9110 stars first listed in Harvard Annals, Vol. 50, 1908, the "HR" catalogue whose numbering was exactly taken over in the Yale Bright Star Catalogue. The present tabulation omits the same 19 objects and also omits the additional fainter stars that had been added in the second edition. These stars were companions to bright stars. In the present edition such companions are adequately described in the Remarks or in the columns representing double stars. The number of stars thus actually tabulated in this edition is 9091, although the last star number is 9110.

A great wealth of data on the stars brighter than 6.5 visual magnitude had accumulated since the second edition was issued in 1940. For example, new spectral classes on the Morgan-Keenan two-dimensional system have become available for some 40 per cent of the Bright Stars. The General Catalogue of Radial Velocities became available in 1953 with velocities included for 6404 of the Bright Stars. In 1952 Miss Louise Jenkins published her General Catalogue of Trigonometric Parallaxes which included over 30 per cent of these stars; and in 1963 a supplement yielding 94 more of the parallaxes included here. Through correspondence and a wide search of the literature, guided largely by consultation of the "Jahresbericht" of the Astronomische Gesellschaft, a variety of other relevant data have been compiled. These are incorporated in all of the categories of information represented in the body of the catalogue, as well as in the material collected in the Remarks which follow the tabular material. The search for material, while extensive, has by no means been exhaustive, largely because of limitation of time allotted to the completion of the project, which was activated early in 1962.

A great deal of the compilation has been accomplished with IBM equipment. Since 1959 the U.S. Naval Observatory and Yale University Observatory have collaborated on the task of putting most of the existing extensive astronomical catalogues on punched cards. Relevant card catalogues from this library that have been used in the preparation of the 3rd Edition of the Bright Star Catalogue comprise the following:

Benjamin Boss, General Catalogue of 33242 Stars for the Epoch 1950 (1937)
L. F. Jenkins, General Catalogue of Trigonometric Stellar Parallaxes (1952)
B. P. Kukarkin *et al,* General Catalogue of Variable Stars (1958) and Supplement (1961)
H. N. Russell and C. Moore, General Catalogue of Dynamical Parallaxes (In "The Masses of the Stars," 1940)
F. Schlisinger and L. F. Jenkins, Catalogue of Bright Stars, 2nd Ed., 1940
R. E. Wilson, General Catalogue of Stellar Radial Velocities (1953)

In addition to these already available card catalogues, various supplementary lists of data were punched, in particular, data and identifications for the double stars in the BS. The basic source for double star identification is Aitken's catalogue (1932). Stars not found there were searched successively in Rossiter's "Southern Double Stars" (Michigan Pub., Vol. 9, 1955) and Innes, "Southern Double Star Catalogue" (1927). Data from other miscellaneous sources were then added from publications by Finsen, Kuiper, van Biesbroeck, van den Bos and others. Each double is represented by its designation in only one of these sources.

Putting the new spectral and luminosity classes on punched cards offered something of a challenge. In view of the complexity of some spectra, it became necessary to allot 43 punch-card columns to the spectral classes in order to differentiate between upper and lower case letters, and Arabic and Roman numerals, and also to allow for composite spectra. As the cards are now punched, it will be possible to carry out statistical sorting according to ordinary (temperature) class and by luminosity class.

New photoelectric magnitudes and colors have become available for nearly 50 per cent of the Bright Stars. Dr. A. Klemola has made a compilation of all of the major published series of such determinations and reduced them to a common system. This compilation has not been restricted to the Bright Stars and a separate general catalogue of magnitudes and colors on the UBV system will be published by him. The values of V and B-V for the Bright Stars are extracted from his larger compilation.

Dr. Eugeniusz Rybka of the Cracow Observatory, Poland, furnished his precise revisions of HR magnitudes for over 1100 northern stars, reduced to the V system. These are included in the Catalogue wherever direct photoelectric determinations are not yet available. The original HR magnitudes are retained for stars for which neither Klemola nor Rybka furnished new values.

Following the Catalogue proper is a collection of Remarks. The bulk of this material refers to double stars, spectroscopic binaries and variable stars. Other notes include data on apparent association of the stars with clusters or moving systems. This particular type of information (in addition to notes transcribed from the previous edition) was gleaned largely from publications by O. Eggen (various papers in the Monthly Notices of the Royal Astronomical Society and Royal Observatory Bulletin No. 51, 1962, "Space Velocity Vectors for 3483 Stars").

Exact counts of stars with various categories of information have not been carried out. However, samplings suggest the following order of percentages of stars of each category:

BS with known proper motions	100%
radial velocities	75%
revised spectral classes	75%
luminosity classes	40%
photoelectric magnitudes and colors	50%
trigonometric parallaxes	35%

BS that are components of visual double or multiple stars	25%	
visual double stars with orbits determined	6%	of the tabulated doubles
spectroscopic binaries	10%	
spectroscopic binaries with periods determined	40%	of the tabulated spectroscopic binaries
confirmed variable stars	3%	
suspected variable stars	5%	
members of clusters or associations	9%	

Number of visual double stars in the BS of which one component is a spectroscopic binary	303
eclipsing variable	26
intrinsic variable	43
suspected variable	283

The last of these numbers, 283 suspected variables among the components of double stars, amounts to 40% of all of the unconfirmed but suspected variable stars among the Bright Stars. This suggests that a large number of such objects may be spurious variables, the apparent variability being attributable to observations of close doubles under varying atmospheric or other conditions.

Two appendices are given in this Edition of the Bright Star Catalogue. The first gives the BS numbers corresponding to the Bayer and Flamsteed designations. The second appendix, which is Appendix 5 of the second Edition, gives the BS numbers of named bright stars.

Many astronomers have contributed generously toward the compilation of this Catalogue. Dr. William Bidelman of Lick Observatory (now at the University of Michigan) furnished spectral classes, for the most part on the Morgan-Keenan system, for approximately 50% of the stars. Dr. J. Allen Hynek of the Dearborn Observatory volunteered to compile radial velocities for stars not included in the Wilson radial velocity catalogue. In addition to compiling results found in published literature, he solicited by correspondence many results not previously published. Thus he furnished some 400 radial velocities, more than half of which had not previously been entered on manuscript lists at Yale. Before the publication of her Supplement to the General Catalogue of Trigonometric Parallaxes, Miss Louise Jenkins graciously contributed a list of those relevant to the Bright Star Catalogue.

Dr. Morris Davis of the Yale Computer Center generously made available both IBM facilities and programmers and gave valuable council on many aspects of the work. Mrs. Theresa Park carried through the conversions from the 1900 coordinates given in previous editions, to the galactic coordinates, and to equatorial coordinates for the year 2000, precessed from 1900 and corrected for centennial proper motion. Miss Susan Flory is primarily responsible for the elaborate IBM 709 program necessary for merging some dozen card catalogues into the required tapes. Modifications in the program and the final card output were carried out by Frank O'Neill. Mrs. Inge Colacino did much preliminary card sorting. Keypunch operators included Barbara Person, Inge Colacino, Mary Mullally and Judith Zyskowski. Among those who assisted in the transcription of data from miscellaneous published catalogues and a search of the literature for relevant data are Mr. W. G. Cleaver, Mr. James Reese, Mrs. Mary Mullally and especially Mrs. Sheila Bishop.

Major contributions by non-Yale staff members were made by Drs. Bidelman, Hynek and Rybka, as already stated above. Numerous other individuals furnished a great variety of unpublished data or valuable suggestions, namely, Drs. R. H. Stoy, of the Royal Observatory at the Cape of Good Hope, A. D. Thackeray of the Radcliffe Observatory; B. J. Bok and staff members at Mt. Stromlo; P. van de Kamp, Swarthmore; Vera Rubin, Georgetown University Observatory; G. Mumford III, Tufts College; and S. van den Bergh, David Dunlap Observatory.

This third Edition of the Bright Star Catalogue is available in three forms: the printed catalogue, on magnetic tape, and on punched cards. There are two sets of punched cards, one corresponding to the left, the other to the right-hand printed pages. The left-hand pages contain mainly cross-reference numbers, the right pages mainly astronomical data as such.

During the preparation of the catalogue, Dr. Davis, especially, took into consideration a variety of possible methods for printing directly from IBM cards or tapes, including photographic typesetting techniques. The method finally adopted, PHOTON, involving printing directly from tapes, was recommended by Neil Block of the Jet Propulsion Laboratory. Mr. Block personally and voluntarily furnished a considerable part of the necessary editing program and also instructed Michael Hooven of the Yale Observatory in the techniques involved in interspersing complete editing instructions on tapes between the data to be printed. The magnetic tapes produced at Yale were then converted to the necessary paper tapes by Mr. Block.

So much new and experimental work with IBM equipment was involved in the planning and programming of the catalogue that it is probable that the catalogue would have been produced more expeditiously by old-fashioned manual techniques. However, the experience gained in the coding and handling of massive amounts of input will prove invaluable in the publication of other types of catalogues at Yale.

The considerable help received in the preparation of this edition from the numerous people already mentioned is deeply appreciated. Thanks are due Dr. Dirk Brouwer for instigating the project. In addition, it is only fitting to pay respect to past astronomers upon whose foundations this catalogue has grown: E. C. Pickering (1846-1919) whose Harvard Revised Photometry is the earliest edition of the catalogue; and F. Schlesinger (1871-1943) who increased its scope and value in his first edition of the more comprehensive Bright Star Catalogue.

The typing for photo-offset of the Introduction, Remarks and Appendices was carried out by Mrs. Betsy Young and Mrs. Sheila Bishop, respectively.

LEFT-HAND PAGE

Column 1 BS number = HR number

2 Name. Generally the Bayer or Flamsteed designation taken from the 2nd Ed.

3 DM number. For stars north of -23° (1855) the numbers refer to the Bonn Durchmusterung; -23° to -52° (1875), to the Cordoba Durchmusterung; and -52° to the South Pole, to the Cape Photographic Durchmusterung (1875).

4 HD. The number in the Henry Draper Catalogue

5 GC. The number in the Boss General Catalogue

6 The number in the General Catalogue of Trigonometric Parallaxes, and, when followed by a decimal, in the 1963 Supplement

7 The number in the Wilson General Catalogue of Stellar Radial Velocities

8 Double star designation. No letter before the number indicates the number in Aitken's Catalogue of Double Stars; a letter R preceding the number, Rossiter's Catalogue of Southern Double Stars; other catalogues or lists, unnumbered, are represented by letters: I, Innes; F, Finsen; K, Kuiper; B, either van Biesbroeck or van den Bos

9 Variable Star designation from the General Catalogue of Variable Stars, 1958, or the 1961 Supplement. Suspected variables that have not been sufficiently confirmed to be assigned variable star names are represented by the notation VAR?

10 The Right Ascension for 1900

11 Declination for 1900

12 Galactic Longitude and Latitude for 1900 referred to the pole and center of the galaxy adopted by the IAU in 1958: Pole, R. A. $12^h\ 49^m$, Dec. +27°.4 (1950) and center at Sgr A, $17^h\ 39^m.\ 3$, -28°54′ (1950)

RIGHT-HAND PAGE

Column 1 BS = HR

2 Right Ascension for the year 2000, based on precession and proper motion corrections to the 1900 positions

3 Difference in R. A. (2000 - 1900)

4 Declination for the year 2000

5 Difference in declination (2000 - 1900)

6 Visual magnitude, V. If no suffix is given the magnitude is a photoelectric determination on the UBV system; the letter R indicates HR magnitudes reduced by Rybka to the V system; H indicates that the original HR visual magnitude has been retained. B indicates blended images.

7 The color (B - V) on the UBV system

8 Spectral Class

9 Annual proper motion in right ascension and declination

10 Parallax. Unless otherwise designated, the trigonometric parallax. A suffix D indicates a dynamic parallax. A dynamic parallax is given only in the absence of a trigonometric value.

11 Radial Velocity. No differentiation is made between the values from the Wilson catalogue and later determinations.

12 Double stars. a. Difference between two components of a visual binary, or the difference between the two brightest components of a multiple system listed in a double star catalogue. The magnitudes used here are usually the ones given in the double star catalogue, which may be inconsistent with the values given in column 6 or in further data found in the collection of Remarks following the tables.

b. The maximum observed separation of the same two components according to the particular catalogue cited

c. The number of components having lettered designations in the catalogue of double stars. Many of these components prove to be optical and are so designated in the Remarks.

13 Remark alert. The symbols used in this column give an indication of the category of the remark. Numbers refer to the following comments, for which no further elucidation is given:

1 The companion is optical
2 Visual binary
3 Common proper motion components
4 Fixed-separation companion
5 Two spectra are indicated on the radial velocity plates
6 The star is a spectroscopic binary
7 Magnitude and color given in columns 6 and 7 refer to the combined light of two or more stars.

When the above symbols are inadequate to cover the information at hand, letters or an asterisk call attention to the compilation of Remarks that follow the Catalogue. They refer to the following categories of information:

D Double star data
G Cluster, group, aggregate or association membership
M Comments on magnitude or color, except data on known variable stars
N The name of a bright star
R Radial velocity comments, including data on spectroscopic binaries
S Comments on Spectra
V Remarks on variable stars other than the data from the General Catalogue of Variable Stars and its Supplement, which are abstracted in the Remarks for all stars with named variable star designations
* This symbol is used for any combination of the above categories and for other comments not falling under any of those categories.

For further remarks on the contents of the collected Remarks, see the page preceding the compilation itself.

BS = HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
1		+44 4550	3	54	.	35	46		0 0 2	+44 40	114 26	−16 53
2		− 1 4525	6	51	.	32			23 59 56	− 1 3	98 19	−61 8
3	33 PSC	− 6 6357	28	59	2.	36			0 0 13	− 6 16	93 44	−65 56
4	86 PEG	+12 5063	87	75	.	42			0 0 34	+12 50	106 10	−47 59
5		+57 2865	123	88	7.	44	61		0 1 2	+57 53	117 1	− 3 55
6		−49 14337	142	92	8.	47	I		0 1 8	−49 38	321 38	−66 22
7	10 CAS	+63 2107	144	94	.	48			0 1 14	+63 38	118 3	+ 1 44
8		+28 4704	166	95	9.	51			0 1 25	+28 28	111 14	−32 50
9		−23 4	203	98	.	53			0 1 43	−23 40	52 8	−79 8
10		−18 6428	256	103	.				0 2 12	−17 57	74 18	−75 54
11		− 3 2	315	114	.	57			0 2 36	− 3 6	98 0	−63 17
12		−23 13	319	116	.		89		0 2 40	−23 4	55 30	−79 4
13		−34 17	344	120	.				0 2 58	−34 5	355 56	−78 40
14		− 3 3	352	124	.	60			0 3 5	− 3 0	98 20	−63 14
15	21 α AND	+28 4	358	127	12.	62	94		0 3 13	+28 32	111 43	−32 51
16		− 9 5	360	126	.	61			0 3 11	− 9 23	91 46	−69 3
17		+35 8	400	131	13.	65			0 3 32	+36 4	113 26	−25 28
18		−18 3	402	129	.				0 3 27	−18 8	74 39	−76 15
19		+24 3	417	138	.	66			0 3 42	+24 54	110 57	−36 26
20		+78 1	431	149	15.	70	102		0 3 48	+79 10	120 59	+17 0
21	11 β CAS	+58 3	432	147	16.	69	107		0 3 50	+58 36	117 31	− 3 16
22	87 PEG	+17 7	448	144	.	68			0 3 53	+17 39	108 58	−43 31
23		−54 19	469	148	.		I		0 4 0	−54 34	316 16	−62 0
24	κ^1 SCL	−28 16	493	155	18.	72	111		0 4 15	−28 33	25 11	−80 37
25	ϵ PHE	−46 18	496	158	19.	75			0 4 20	−46 18	324 22	−69 35
26	34 PSC	+10 8	560	167	.	79	122		0 4 54	+10 35	106 51	−50 26
27	22 AND	+45 17	571	169	20.	80			0 5 7	+45 31	115 31	−16 13
28		+56 11	584	176	.				0 5 15	+56 36	117 22	− 5 17
29		− 6 11	587	171	.	81			0 5 12	− 5 48	96 58	−66 1
30	γ^3 OCT	−82 4	636	173	.	82			0 5 30	−82 47	304 38	−34 46
31		−13 13	645	181	.	89			0 5 35	−13 8	87 39	−72 36
32		−73 4	661	184	.		I		0 5 44	−73 47	306 59	−43 34
33	6 CET	−16 17	693	190	24.	92			0 6 10	−16 1	82 12	−75 3
34	κ^2 SCL	−28 26	720	197	.	95			0 6 30	−28 21	26 18	−81 8
35	θ SCL	−35 42	739	202	.	98			0 6 39	−35 42	347 9	−78 19
36		+47 21	743	204	.	99			0 6 45	+47 36	116 9	−14 12
37		−18 14	787	214	28.	100			0 7 4	−18 30	76 15	−77 6
38		+36 12	829	228	.	102			0 7 39	+37 8	114 32	−24 33
39	88 γ PEG	+14 14	886	238	33.	105		γ PEG	0 8 5	+14 38	109 25	−46 41
40		+26 13	895	243	.	107	161		0 8 13	+26 25	112 33	−35 8
41	23 AND	+40 29	905	244	34.	109			0 8 19	+40 29	115 16	−21 16
42		−26 56	942	249	.				0 8 38	−26 35	38 11	−81 29
43		−26 57	943	250	.				0 8 40	−26 51	36 25	−81 32
44		+32 21	952	256	.	114			0 8 51	+32 39	113 59	−29 1
45	89 χ PEG	+19 27	1013	270	38.	122			0 9 26	+19 39	111 17	−41 50
46		− 8 26	1014	265	37.	120	180	VAR?	0 9 21	− 8 20	96 50	−68 45
47		−85 2	1032	257	.				0 9 32	−85 33	303 55	−32 3
48	7 CET	−19 21	1038	272	39.	123		VAR?	0 9 34	−19 29	75 5	−78 13
49		+21 13	1048	281	.	126			0 9 45	+21 43	111 54	−39 49
50	35 PSC	+ 8 19	1061	287	.	127	191	UU PSC	0 9 50	+ 8 16	107 51	−52 59

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
1	0 5 11	+ 5 9	+45 13	+33	6.46 R	.	A0	−0.016	−0.017	.	− 18	2.9	21.5	3	
2	0 5 4	+ 5 8	− 0 30	+33	6.30	+1.10	gG9	+0.039	−0.055	.	+ 14	.	.		
3	0 5 20	+ 5 7	− 5 42	+34	4.62	+1.04	K1III	−0.016	+0.096	+.009	− 6V	.	.		R
4	0 5 42	+ 5 8	+13 23	+33	5.48 R	.	gG5	+0.041	+0.002	.	+ 2V?	.	.		
5	0 6 16	+ 5 14	+58 26	+33	5.94 R	.	dG4	+0.261	+0.034	+.039	− 12	1.1	2.1		D
6	0 6 19	+ 5 11	−49 5	+33	5.69	+0.52	G1IV	+0.560	−0.037	+.043	+ 1	5.9	5.7		*
7	0 6 26	+ 5 12	+64 11	+33	5.44 R	−0.02	B8	+0.009	+0.004	.	− 0	.	.		
8	0 6 36	+ 5 11	+29 1	+33	6.14	+0.75	K0V	+0.376	−0.180	+.069	− 8	.	.		
9	0 6 50	+ 5 7	−23 7	+33	6.17	+0.38	dA7	+0.099	−0.039	.	− 2	.	.		
10	0 7 18	+ 5 6	−17 24	+33	6.18	+0.14	A3	−0.023	+0.041	.		.	.		
11	0 7 43	+ 5 7	− 2 33	+33	6.44	−0.15	A0n	+0.021	+0.003	.	+ 13	.	.		
12	0 7 46	+ 5 6	−22 31	+33	5.93	+0.14	A3V	+0.048	−0.041	.	− 9V	6.6	2.2		D
13	0 8 3	+ 5 5	−33 32	+33	5.71 H	.	gK1	−0.046	+0.004	.		.	.		
14	0 8 12	+ 5 7	− 2 27	+33	6.06	+1.38	gK2	+0.003	−0.004	.	+ 1V	.	.		R
15	0 8 23	+ 5 10	+29 5	+33	2.02	−0.10	B9p	+0.134	−0.161	+.024	− 12V	9.2	76.2		*
16	0 8 17	+ 5 6	− 8 50	+33	6.00	+1.03	gG8	−0.058	−0.028	.	+ 20	.	.		
17	0 8 41	+ 5 9	+36 37	+33	5.97 R	.	dF4	−0.105	−0.145	+.046	− 14	.	.		
18	0 8 33	+ 5 6	−17 35	+33	6.37 H	.	M1	−0.004	−0.020	.		.	.		
19	0 8 52	+ 5 10	+25 27	+33	6.23	+0.97	K0III	+0.110	+0.003	.	+ 15	.	.		
20	0 9 20	+ 5 32	+79 43	+33	6.12 R	.	A3	+0.104	−0.023	−.001	+ 1	.3	.8		*
21	0 9 10	+ 5 20	+59 9	+33	2.25	+0.35	F2IV	+0.527	−0.178	+.072	+ 12	11.7	23.7		*
22	0 9 2	+ 5 9	+18 12	+33	5.48 R	.	gG9	+0.133	−0.024	.	− 23	.	.		
23	0 9 3	+ 5 3	−54 1	+33	6.32	+0.74	G4IV	+0.047	+0.016	.009D	+ 1	2.1	.7		D
24	0 9 21	+ 5 6	−28 0	+33	5.40	+0.42	dF2	+0.065	−0.001	+.017	+ 9	.2	1.5		2
25	0 9 24	+ 5 4	−45 45	+33	3.87	+1.02	K0III	+0.124	−0.179	+.059	− 9	.	.		
26	0 10 2	+ 5 8	+11 8	+33	5.47 R	−0.06	B8V	+0.035	+0.000	.017D	+ 14	4.5	8.0		D
27	0 10 19	+ 5 12	+46 4	+33	5.05	+0.42	F2II	+0.000	−0.001	−.006	− 5	.	.		
28	0 10 30	+ 5 15	+57 9	+33	6.47 R	−0.08	B8	+0.022	+0.009	.		.	.		
29	0 10 19	+ 5 7	− 5 15	+33	5.85	+0.98	gG9	+0.031	−0.027	.	+ 24	.	.		
30	0 10 2	+ 4 32	−82 14	+33	5.27	+1.05	gG8	−0.016	−0.015	.	+ 15	.	.		
31	0 10 42	+ 5 7	−12 35	+33	5.94 H	.	dK1	+0.152	−0.032	.	+ 4	.	.		
32	0 10 38	+ 4 54	−73 14	+33	6.63	+0.38	A +G	+0.126	+0.016	.	− 14	1.5	1.0		D
33	0 11 15	+ 5 5	−15 28	+33	4.88	+0.49	F6V	−0.082	−0.263	+.060	+ 15	.	.		
34	0 11 35	+ 5 5	−27 48	+33	5.56 H	.	K5III	+0.003	+0.023	.	− 6	.	.		
35	0 11 44	+ 5 5	−35 8	+34	5.24	+0.44	F4V	+0.160	+0.127	.	− 2	.	.		
36	0 11 59	+ 5 14	+48 9	+33	6.16 R	.	gK4	+0.054	+0.018	.	+ 16	.	.		
37	0 12 10	+ 5 6	−17 57	+33	5.28	+1.46	K5III	+0.051	−0.026	−.020	− 8V?	.	.		
38	0 12 51	+ 5 12	+37 41	+33	6.52 R	.	B2V	+0.023	−0.010	.	− 9	.	.		G
39	0 13 14	+ 5 9	+15 11	+33	2.83	−0.23	B2IV	−0.001	−0.010	−.004	+ 4V	.	.		N
40	0 13 23	+ 5 10	+26 58	+33	6.23 R	.	F5	−0.012	−0.044	.006D	− 13	1.4	.8	3	D
41	0 13 31	+ 5 12	+41 2	+33	5.60 R	.	dA7	−0.122	−0.144	+.024	− 29V?	.	.		
42	0 13 42	+ 5 4	−26 2	+33	5.93	+1.55	K2	+0.020	−0.066	.		.	.		
43	0 13 44	+ 5 4	−26 18	+33	6.41 H	.	K5	−0.025	+0.014	.		.	.		
44	0 14 3	+ 5 12	+33 12	+33	6.03 R	+0.02	A1V	−0.015	−0.021	.	+ 1	.	.		
45	0 14 37	+ 5 11	+20 12	+33	4.80	+1.58	M2III	+0.089	+0.003	−.007	− 46	.	.		
46	0 14 28	+ 5 7	− 7 47	+33	5.12	+1.60	gM4	+0.054	+0.009	+.002	− 2	6.0	3.4		*
47	0 13 19	+ 3 47	−85 0	+33	5.76	+1.72	gK6	+0.008	+0.031	.		.	.		
48	0 14 39	+ 5 5	−18 56	+33	4.42	+1.64	gM1	−0.028	−0.063	+.026	− 23	.	.		
49	0 14 56	+ 5 11	+22 16	+33	6.03 R	−0.01	A0V	+0.061	−0.010	.	− 15	.	.		
50	0 14 59	+ 5 9	+ 8 49	+33	5.87 H	.	sgA9	+0.090	−0.024	.017D	+ 1V	1.6	11.8		*

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
51		−10 30	1064	283	.				0 9 48	−10 8	95 1	−70 27
52		+30 26	1075	290	.	130			0 9 55	+30 59	113 55	−30 42
53		+26 23	1083	291	40.	131	B		0 9 59	+26 44	113 5	−34 54
54		−35 65	1089	289	.				0 9 55	−35 28	345 47	−78 58
55		+76 5	1141	303	.	133	207		0 10 33	+76 24	120 53	+14 13
56		+42 41	1185	310	.	135	215		0 11 6	+43 3	116 14	−18 49
57		−32 72	1187	306	.				0 11 5	−32 0	1 33	−81 10
58		−76 19	1221	307	.				0 11 20	−76 28	305 47	−41 1
59	36 PSC	+ 7 27	1227	315	.	138			0 11 26	+ 7 41	108 16	−53 38
60		+60 21	1239	329	.	145	222		0 11 35	+60 59	118 50	− 1 4
61		−21 24	1256	324	.				0 11 38	−20 46	72 4	−79 28
62		+47 50	1279	335	.				0 11 52	+47 24	117 0	−14 32
63	24 θ AND	+37 34	1280	334	47.	147			0 11 52	+38 8	115 37	−23 42
64		−79 7	1324	337	.				0 12 22	−79 20	305 5	−38 12
65	AO CAS	+50 46	1337	345	.	153		AO CAS	0 12 25	+50 53	117 35	−11 5
66		−19 30	1343	343	.				0 12 28	−19 37	77 7	−78 47
67		+ 1 28	1367	346	.	155			0 12 39	+ 1 8	105 52	−60 4
68	25 σ AND	+35 44	1404	362	51.	164		VAR?	0 13 6	+36 14	115 35	−25 37
69		+10 25	1419	363	.	166			0 13 8	+10 39	109 59	−50 50
70	26 AND	+42 48	1438	376	.	171	254		0 13 26	+43 14	116 42	−18 41
71		+30 35	1439	373	.	170			0 13 25	+30 58	114 47	−30 50
72		− 8 38	1461	378	52.				0 13 33	− 8 36	99 15	−69 24
73		−43 64	1483	381	.				0 13 44	−43 47	323 14	−72 35
74	8 ι CET	− 9 48	1522	388	53.	177			0 14 20	− 9 23	98 57	−70 12
75		+39 56	1527	394	.	178			0 14 26	+40 10	116 27	−21 45
76		+48 79	1561	400	.	184			0 14 46	+48 18	117 38	−13 42
77	ζ TUC	−65 13	1581	401	54.	185			0 14 52	−65 28	308 24	−51 52
78		+30 42	1606	408	.	186		VAR?	0 15 11	+30 23	115 7	−31 28
79		+32 45	1632	414	.	192			0 15 32	+32 21	115 32	−29 32
80	41 PSC	+ 7 36	1635	413	.	190		VAR?	0 15 27	+ 7 38	109 53	−53 54
81		+10 32	1663	419	.	194	287		0 15 45	+10 25	110 55	−51 11
82	27 ρ AND	+37 45	1671	425	55.	197			0 15 51	+37 25	116 22	−24 31
83	π TUC	−70 12	1685	420	56.	195			0 16 1	−70 11	306 53	−47 15
84	ι SCL	−29 86	1737	433	58.	198			0 16 30	−29 32	15 31	−83 8
85	T CET	−20 50	1760	437	.	200		T CET	0 16 43	−20 37	77 26	−80 12
86	42 PSC	+12 25	1796	446	.	204	303		0 17 15	+12 56	112 11	−48 47
87		−78 9	1801	439	.				0 17 13	−77 59	305 3	−39 34
88	9 CET	−13 60	1835	452	62.	208			0 17 44	−12 46	97 17	−73 39
89		−31 138	1909	461	.				0 18 12	−31 36	358 50	−82 41
90	R AND	+37 58	1967	472	.	214		R AND	0 18 45	+38 1	117 4	−22 0
91		+51 62	1976	476	.	217	328		0 18 52	+51 28	118 41	−10 38
92					.							
93	12 CAS	+61 69	2011	481	65.1	222			0 19 16	+61 17	119 47	+ 0 53
94		− 3 49	2023	480	.	221			0 19 23	− 2 46	107 15	−64 16
95					.							
96		+52 61	2054	488	.			VAR?	0 19 42	+52 30	118 55	− 9 37
97	44 PSC	+ 1 57	2114	496	.	228			0 20 16	+ 1 23	109 42	−60 16
98	β HYI	−77 16	2151	503	69.	232		VAR?	0 20 30	−77 49	304 51	−39 46
99	α PHE	−42 116	2261	519	71.	237			0 21 21	−42 51	320 3	−73 59
100	κ PHE	−44 101	2262	516	72.	236			0 21 17	−44 14	318 27	−72 40

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
51	0 14 54	+ 5 6	− 9 35	+33	5.74	−0.08	B9	+0.022	−0.005	.		.	.		
52	0 15 7	+ 5 12	+31 32	+33	6.42 R	.	K5	+0.031	−0.004	.	+ 2	.	.		
53	0 15 10	+ 5 11	+27 17	+33	6.24 R	−0.02	A1V	+0.017	−0.028	+.006	− 7V?	6.8	29.2		
54	0 14 58	+ 5 3	−34 55	+33	6.29 H	.	K0	+0.066	−0.021	.		.	.		
55	0 16 14	+ 5 41	+76 57	+33	6.19 R	−0.07	B9	+0.020	+0.001	.013D	− 8	.5	.9		2
56	0 16 21	+ 5 15	+43 36	+33	6.00 R	.	A0	+0.038	−0.029	.	+ 3	2.7	9.4		3
57	0 16 8	+ 5 3	−31 27	+33	5.66	+1.35	K5III	+0.129	−0.029	.	+ 26	.	.		
58	0 15 55	+ 4 35	−75 55	+33	6.48	+0.99	gG8	−0.010	+0.009	.		.	.		
59	0 16 34	+ 5 8	+ 8 14	+33	6.08 R	.	gG6	−0.030	−0.010	.	+ 1	.	.		
60	0 16 57	+ 5 22	+61 32	+33	5.68 R	.	gG4	−0.001	+0.003	.	− 4	6.0	20.3		4
61	0 16 42	+ 5 4	−20 13	+33	6.50 H	−0.14	B8	+0.008	−0.010	.	+ 33V	.	.		
62	0 17 9	+ 5 17	+47 57	+33	5.79 R	−0.09	B9	+0.008	+0.017	.		.	.		
63	0 17 6	+ 5 14	+38 41	+33	4.61	+0.06	A2V	−0.055	−0.018	+.017	+ 1	.	.		
64	0 16 48	+ 4 26	−78 47	+33	6.76	+0.46	F5	+0.086	−0.038	.		.	.		
65	0 17 43	+ 5 18	+51 26	+33	6.05 R	+0.03	O9III	−0.008	−0.002	.	− 35V	.	.		R
66	0 17 32	+ 5 4	−19 4	+33	6.44	+0.38	F0	+0.011	+0.007	.		.	.		
67	0 17 47	+ 5 8	+ 1 41	+33	6.22 R	.	gG6	+0.082	+0.010	.	− 9	.	.		
68	0 18 20	+ 5 14	+36 47	+33	4.53	+0.05	A2V	−0.065	−0.036	+.015	− 8V	.	.		G
69	0 18 17	+ 5 9	+11 12	+33	6.09 R	.	K0III	−0.041	−0.035	.	+ 9	.	.		
70	0 18 42	+ 5 16	+43 47	+33	6.06 R	−0.08	B9	+0.015	−0.002	.	+ 7	3.7	6.2		3
71	0 18 38	+ 5 13	+31 31	+33	5.74 R	−0.01	A1V	+0.060	−0.001	.	− 5	.	.		
72	0 18 42	+ 5 9	− 8 3	+33	6.45	+0.68	G0	+0.408	−0.134	+.046		.	.		
73	0 18 43	+ 4 59	−43 14	+33	6.32	+1.22	gG9	+0.049	+0.012	.		.	.		
74	0 19 26	+ 5 6	− 8 50	+33	3.56	+1.22	K2III	−0.018	−0.029	+.010	+ 19	.	.		
75	0 19 42	+ 5 16	+40 43	+33	6.27 R	.	K1III	−0.031	−0.008	.	− 38	.	.		
76	0 20 5	+ 5 19	+48 51	+33	6.38 R	.	A0	+0.000	−0.016	.	− 2V?	.	.		
77	0 20 4	+ 5 12	−64 53	+35	4.22	+0.58	G2V	+1.708	+1.163	+.134	+ 9	.	.		
78	0 20 25	+ 5 14	+30 56	+33	5.82 R	−0.10	B6IV	+0.017	+0.005	.	+ 4	.	.		
79	0 20 46	+ 5 14	+32 54	+33	5.80 R	.	K5	−0.029	−0.013	.	− 36	.	.		
80	0 20 36	+ 5 9	+ 8 11	+33	5.42 R	.	gK3	−0.007	+0.014	.	+ 16	.	.		
81	0 20 54	+ 5 9	+10 58	+33	6.55 R	.	A0	−0.051	−0.024	.005D	− 18	.9	.5		2
82	0 21 7	+ 5 16	+37 58	+33	5.10 R	.	F5IV	+0.061	−0.036	+.015	+ 9	.	.		
83	0 20 39	+ 4 38	−69 38	+33	5.50	−0.05	B9	−0.014	−0.001	+.007	+ 12	.	.		
84	0 21 31	+ 5 1	−28 59	+33	5.17	+1.00	gG8	+0.033	−0.071	+.021	+ 21	.	.		
85	0 21 47	+ 5 4	−20 4	+33	5.2 H	.	M5-6Se	+0.068	−0.001	.	+ 29	.	.		
86	0 22 25	+ 5 10	+13 29	+33	6.22 R	.	gK2	+0.057	+0.029	.	+ 3	3.9	31.7		1
87	0 21 29	+ 4 16	−77 26	+33	5.96	+1.40	K0	+0.009	−0.005	.		.	.		
88	0 22 51	+ 5 7	−12 13	+33	6.44 H	.	dG2	+0.388	+0.066	+.042	− 7	.	.		G
89	0 23 12	+ 5 0	−31 3	+33	6.66 H	.	B9	+0.022	+0.000	.		.	.		
90	0 24 2	+ 5 17	+38 34	+33	6.0 H	.	S6$_{6e}$	−0.012	−0.022	.	− 11	.	.		
91	0 24 15	+ 5 23	+52 1	+33	5.59	−0.11	B5IV	+0.010	−0.002	.004D	− 12V	2.5	.2		G
92					.	.		.	.	.		.	.		
93	0 24 47	+ 5 31	+61 50	+33	5.36 R	+0.01	B8	+0.011	+0.003	+.015	− 6	.	.		
94	0 24 30	+ 5 7	− 2 13	+33	6.08	+1.22	gK1	−0.039	−0.032	.	+ 15	.	.		
95					.	.		.	.	.		.	.		
96	0 25 7	+ 5 25	+53 3	+33	5.67 R	−0.06	B9	+0.021	−0.004	.		.	.		
97	0 25 24	+ 5 8	+ 1 56	+33	6.02 R	.	gG5	−0.019	−0.011	.	− 4	.	.		G
98	0 25 45	+ 5 15	−77 15	+34	2.79	+0.62	G2IV	+2.223	+0.326	+.153	+ 23	.	.		G
99	0 26 17	+ 4 56	−42 18	+33	2.39	+1.08	K0III	+0.198	−0.395	+.035	+ 75V?	.	.1		*
100	0 26 12	+ 4 55	−43 41	+33	3.93	+0.17	A7Vn	+0.102	+0.030	+.066	+ 9	.	.		

BS = HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
101	10 CET	− 0 63	2273	523	.	239			0 21 30	− 0 36	109 29	−62 16
102		−26 138	2363	530	.				0 22 14	−26 6	47 45	−84 21
103	47 TV PSC	+17 55	2411	543	73.	250		TV PSC	0 22 50	+17 20	115 5	−44 38
104		+43 92	2421	546	74.	252			0 22 51	+43 50	118 34	−18 18
105	η SCL	−33 152	2429	544	75.	251		VAR?	0 22 58	−33 34	342 21	−82 13
106	48 PSC	+15 63	2436	548	.	253			0 23 1	+15 54	114 53	−46 4
107		+ 9 47	2454	550	76.	254			0 23 10	+ 9 39	113 36	−52 15
108		−21 57	2475	554	.		R 63		0 23 20	−20 53	83 49	−81 24
109		−40 93	2490	558	77.	256			0 23 31	−40 28	321 58	−76 21
110		+36 66	2507	563	.	258			0 23 38	+36 21	117 56	−25 45
111		−51 113	2529	564	.				0 23 53	−51 5	311 56	−66 12
112		+76 10	2589	588	80.	267			0 24 29	+76 28	121 44	+14 11
113		+59 68	2626	586	.	266	412		0 24 45	+59 25	120 17	− 2 48
114	28 AND	+28 75	2628	583	81.	264	409	VAR?	0 24 51	+29 12	117 25	−32 54
115		−15 84	2630	579	.				0 24 48	−15 25	99 31	−76 45
116		−32 154	2632	580	.				0 24 52	−32 40	344 57	−83 9
117	12 CET	− 4 54	2637	584	.	265	410		0 24 56	− 4 31	109 32	−66 17
118		−24 179	2696	590	83.	271			0 25 23	−24 20	66 50	−84 11
119		−41 116	2724	594	.				0 25 35	−41 30	318 59	−75 31
120		−48 102	2726	593	.	272			0 25 36	−48 46	312 33	−68 31
121	13 CAS	+65 67	2729	609	.	278			0 25 40	+65 58	120 56	+ 3 43
122		+32 80	2767	611	.	279			0 26 7	+33 2	118 9	−29 6
123	14 λ CAS	+53 82	2772	618	87.	283	434		0 26 15	+53 58	120 3	− 8 15
124		+52 92	2774	614	85.	281			0 26 13	+52 17	119 54	− 9 56
125	λ^1 PHE	−49 115	2834	619	88.	284	R 81		0 26 36	−49 21	311 47	−67 59
126	β^1 TUC	−63 50	2884	625	90.	287	IB		0 26 58	−63 31	306 47	−54 1
127	β^2 TUC	−63 50	2885	626	.	288	IA		0 26 58	−63 31	306 47	−54 1
128		+42 99	2888	634	.	295			0 27 3	+42 57	119 17	−19 14
129		+70 24	2904	648	.	303			0 27 21	+70 26	121 26	+ 8 10
130	15 κ CAS	+62 102	2905	645	.	301		VAR?	0 27 19	+62 23	120 50	+ 0 8
131	52 PSC	+19 79	2910	641	90.1	298	452		0 27 20	+19 45	116 56	−42 21
132	51 PSC	+ 6 64	2913	636	.	296	449		0 27 14	+ 6 24	114 32	−55 37
133		+26 76	2924	640	.	297			0 27 19	+27 2	117 49	−35 6
134		+27 84	2942	647	91.	302	455		0 27 33	+27 44	117 57	−34 25
135		+54 101	2952	650	.	304			0 27 37	+54 21	120 17	− 7 53
136		−63 52	3003	651	93.	306	I		0 28 10	−63 35	306 33	−53 58
137	16 CAS	+65 70	3038	671	.	313			0 28 35	+66 12	121 15	+ 3 56
138		−30 156	3059	665	.				0 28 44	−30 7	359 56	−85 23
139	θ TUC	−71 20	3112	667	.	310			0 29 9	−71 49	305 1	−45 47
140		−53 117	3158	683	96.1	315			0 29 42	−52 56	309 0	−64 32
141		+12 57	3166	689	.				0 29 45	+12 49	116 46	−49 19
142	13 CET	− 4 62	3196	696	97.	321	490	VAR?	0 30 6	− 4 9	112 51	−66 9
143	14 CET	− 1 68	3229	701	.	322			0 30 25	− 1 3	114 6	−63 6
144		+53 102	3240	708	.	326			0 30 34	+53 37	120 40	− 8 39
145		+12 59	3268	707	.	325			0 30 44	+12 40	117 6	−49 29
146		+59 84	3283	717	.	331			0 30 46	+59 47	121 4	− 2 29
147	λ^2 PHE	−48 121	3302	706	.	324			0 30 55	−48 33	310 17	−68 54
148		−55 117	3303	705	.			VAR?	0 30 53	−55 22	307 51	−62 9
149		+26 91	3322	722	.	333			0 31 3	+26 42	118 48	−35 30
150		−15 109	3325	716	.				0 31 2	−15 32	105 42	−77 20

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
101	0 26 38	+ 5 8	− 0 3	+33	6.40 H	.	gG4	+0.068	+0.004	.	− 23	.	.		
102	0 27 15	+ 5 1	−25 33	+33	5.95 H	.	G5	+0.022	−0.015	.	− 3	.	.		
103	0 28 3	+ 5 13	+17 53	+33	6.9 H	.	M3III	+0.113	+0.021	+.013	+ 6	.	.		G
104	0 28 14	+ 5 23	+44 23	+33	5.09 R	.	A2	+0.093	−0.010	+.009	+ 2V	.	.		R
105	0 27 55	+ 4 57	−33 1	+33	4.96 H	+1.64	gM4	−0.025	−0.046	−.018	+ 11	.	.		
106	0 28 13	+ 5 12	+16 27	+33	5.18 R	.	gK5	+0.010	−0.015	.	− 7	.	.		6
107	0 28 20	+ 5 10	+10 12	+33	5.99 R	.	F2V	+0.028	−0.205	+.033	− 10	.	.		
108	0 28 21	+ 5 1	−20 20	+33	6.42	+0.59	G0	−0.116	−0.105	.034D		.0	.2		
109	0 28 27	+ 4 56	−39 55	+33	5.42	+1.57	gK5	+0.124	−0.034	+.010	+ 32	.	.		
110	0 28 57	+ 5 19	+36 54	+33	6.29 R	.	gG5	−0.016	+0.004	.	+ 10	.	.		
111	0 28 43	+ 4 50	−50 32	+33	6.39 H	.	K0	+0.144	−0.001	.		.	.		
112	0 30 55	+ 6 26	+77 1	+33	6.22	+0.84	K0IV	+0.338	−0.022	+.021	+ 19	.	.		G
113	0 30 20	+ 5 35	+59 58	+33	5.89	+0.01	B9	+0.017	−0.008	.002D	− 20	3.8	.7	3	D
114	0 30 8	+ 5 17	+29 45	+33	5.17 R	.	A m	+0.037	−0.053	−.002	− 10	6.1	142.4	3	D
115	0 29 52	+ 5 4	−14 52	+33	6.13	+0.38	F2	+0.136	−0.026	.	+ 2	.	.		
116	0 29 49	+ 4 57	−32 7	+33	6.63 H	.	K0	−0.011	−0.050	.		.	.		
117	0 30 2	+ 5 6	− 3 58	+33	6.04 H	.	M0III	+0.006	−0.006	.	+ 5	4.8	9.9		1
118	0 30 23	+ 5 0	−23 47	+33	5.18	+0.13	A3V	−0.030	+0.019	+.012	+ 1V?	.	.		
119	0 30 28	+ 4 53	−40 57	+33	6.18	+0.34	dF2	−0.008	+0.023	.		.	.		
120	0 30 26	+ 4 50	−48 13	+33	5.68	+0.36	dF1	+0.123	−0.087	.	+ 2	.	.		
121	0 31 25	+ 5 45	+66 31	+33	6.11 R	.	B5	+0.024	−0.001	.	− 10	.	.		
122	0 31 26	+ 5 19	+33 35	+33	5.85 R	.	K1III	+0.044	−0.019	.	+ 9V?	.	.		
123	0 31 46	+ 5 31	+54 31	+33	4.84 R	−0.10	B8	+0.042	−0.008	+.028	− 12V?	.3	.6		2
124	0 31 42	+ 5 29	+52 50	+33	5.60	+1.15	K2III	−0.056	−0.018	+.005	− 52	.	.		6
125	0 31 25	+ 4 49	−48 48	+33	4.76	+0.02	A0V	+0.134	+0.024	+.019	− 5V	8.6	30.3		*
126	0 31 33	+ 4 35	−62 58	+33	4.36	−0.07	B8V	+0.089	−0.054	+.030	+ 10V	.0	37.7	6	*
127	0 31 33	+ 4 35	−62 58	+33	4.53	+0.15	A2V	+0.100	−0.056	.	+ 10	.0	37.7	6	D
128	0 32 27	+ 5 24	+43 30	+33	6.58 R	.	A0si	+0.014	−0.009	.	− 21V	.	.		
129	0 33 19	+ 5 58	+70 59	+33	6.31 R	.	A0	+0.038	+0.004	.	− 10	.	.		
130	0 33 0	+ 5 41	+62 56	+33	4.15	+0.15	B1Ia	+0.004	+0.000	.	− 2V	.	.		
131	0 32 35	+ 5 15	+20 18	+33	5.40 R	+1.07	gK0	+0.128	−0.045	+.034	− 13	6.2	44.5		
132	0 32 24	+ 5 10	+ 6 57	+33	5.60 R	.	A0	+0.031	+0.011	.	+ 19	4.0	27.7		3
133	0 32 35	+ 5 16	+27 35	+33	6.49 R	.	A0	−0.021	−0.013	.	+ 2	.	.		
134	0 32 50	+ 5 17	+28 17	+33	6.28 R	.	K0III	−0.009	+0.010	+.002	− 12	4.0	8.7	3	*
135	0 33 10	+ 5 33	+54 54	+33	5.99 R	.	K0III	+0.069	−0.039	.	− 35	.	.		
136	0 32 43	+ 4 33	−63 2	+33	5.16 H	.	A2	+0.080	−0.037	+.035	+ 5	.4	.1	6	D
137	0 34 25	+ 5 50	+66 45	+33	6.37 R	−0.08	B9	+0.022	+0.005	.	− 21V	.	.		6
138	0 33 41	+ 4 57	−29 34	+33	5.54	+1.27	K2III	−0.034	−0.034	.		.	.		
139	0 33 23	+ 4 14	−71 16	+33	6.12	+0.24	A4m?	+0.074	−0.020	.	+ 2	.	.		
140	0 34 27	+ 4 45	−52 23	+33	5.56	+0.47	dF6	+0.217	+0.032	+.043	+ 35	.	.		
141	0 34 56	+ 5 11	+13 22	+33	6.48 R	.	K0	−0.093	−0.054	.		.	.		
142	0 35 15	+ 5 9	− 3 36	+33	5.20	+0.56	F8V	+0.410	−0.020	+.058	+ 9V	.8	.3	3	*
143	0 35 33	+ 5 8	− 0 30	+33	5.94	+0.44	dF2	+0.133	−0.057	.	+ 6	.	.		
144	0 36 8	+ 5 34	+54 10	+33	5.15 R	.	B8V	+0.019	+0.003	.	+ 1	.	.		
145	0 35 55	+ 5 11	+13 13	+33	6.36 R	.	F5	−0.146	−0.186	.	− 25	.	.		
146	0 36 27	+ 5 41	+60 20	+33	5.82 R	.	A2n	−0.001	+0.002	.	− 9	.	.		
147	0 35 41	+ 4 46	−48 0	+33	5.52 H	.	dF7	+0.037	−0.103	.	+ 8	.	.		
148	0 35 33	+ 4 40	−54 49	+33	6.05	+1.00	g?K0	+0.022	−0.052	.		.	.		
149	0 36 20	+ 5 17	+27 15	+33	6.30 R	−0.08	A si	+0.008	−0.013	.	+ 1	.	.		
150	0 36 3	+ 5 1	−14 59	+33	6.56 H	.	K0	−0.087	−0.074	.		.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
151		−23 220	3326	719	.				0 31 8	−23 24	82 56	−84 29
152		+43 113	3346	726	99.	335			0 31 20	+43 56	120 10	−18 19
153	17 ζ CAS	+53 105	3360	727	100.	337		VAR?	0 31 24	+53 21	120 46	− 8 55
154	29 π AND	+32 101	3369	729	101.	339	513		0 31 32	+33 10	119 28	−29 4
155	53 PSC	+14 76	3379	728	.	338		VAR?	0 31 35	+14 41	117 41	−47 30
156		+23 84	3411	735	.	341			0 31 51	+23 28	118 44	−38 45
157		+34 86	3421	738	.	343			0 32 0	+34 51	119 42	−27 23
158		+81 13	3440	760	103.	351		VAR?	0 32 12	+81 56	122 32	+19 37
159		−25 225	3443	741	104.	345	520		0 32 12	−25 19	68 21	−86 1
160		−65 58	3444	733	.				0 32 13	−65 41	305 28	−51 55
161		+ 2 80	3457	744	.	346			0 32 22	+ 2 35	116 2	−59 33
162		−55 130	3488	745	.				0 32 39	−54 57	307 25	−62 36
163	30 ϵ AND	+28 103	3546	759	106.	350			0 33 16	+28 46	119 34	−33 29
164		+48 192	3574	770	.	355	546		0 33 38	+48 48	120 52	−13 29
165	31 δ AND	+30 91	3627	774	108.	357	548		0 33 59	+30 19	119 51	−31 56
166	54 PSC	+20 85	3651	778	110.	358			0 34 10	+20 43	119 11	−41 31
167	55 PSC	+20 87	3690	784	113.	361	558		0 34 40	+20 53	119 21	−41 22
168	18 α CAS	+55 139	3712	792	114.	364	561	α CAS	0 34 50	+55 59	121 25	− 6 19
169		−73 42	3719	777	.				0 34 45	−73 41	304 13	−43 57
170	Z SCL	−34 224	3735	789	115.			Z SCL	0 35 3	−34 30	322 14	−82 44
171		−45 201	3750	788	.				0 35 6	−45 21	309 41	−72 10
172		−17 109	3794	798	.				0 35 27	−17 4	108 51	−79 6
173		−24 263	3795	799	117.	368			0 35 31	−24 21	85 33	−85 51
174		− 5 101	3807	804	.	370			0 35 37	− 4 54	116 2	−67 5
175	32 AND	+38 90	3817	812	.	374			0 35 42	+38 55	120 45	−23 22
176		−60 46	3823	801	120.				0 35 44	−60 1	305 36	−57 36
177		+65 83	3856	825	.	379			0 36 5	+65 36	121 59	+ 3 17
178		+23 94	3883	822	.	377			0 36 18	+24 5	120 5	−38 11
179	19 ξ CAS	+49 164	3901	828	.	381		VAR?	0 36 29	+49 58	121 24	−12 20
180	μ PHE	−46 180	3919	823	121.	378			0 36 36	−46 38	308 20	−70 56
181		+57 132	3924	837	.	385			0 36 46	+58 12	121 46	− 4 7
182					.							
183	ξ PHE	−57 143	3980	830	.	382	I	VAR?	0 37 13	−57 3	305 40	−60 34
184	20 π CAS	+46 146	4058	856	127.	392		VAR?	0 37 56	+46 29	121 31	−15 49
185	λ^1 SCL	−39 175	4065	849	.		I		0 37 54	−39 1	311 35	−78 30
186		−60 49	4088	853	.				0 38 12	−60 49	304 56	−56 49
187	ρ TUC	−66 47	4089	851	131.	391			0 38 12	−66 1	304 26	−51 38
188	16 β CET	−18 115	4128	865	134.	396		VAR?	0 38 34	−18 32	111 13	−80 41
189		+47 181	4142	874	.	401			0 38 53	+47 19	121 43	−13 0
190		−12 126	4145	869	.				0 38 48	−12 33	115 48	−74 46
191	η PHE	−58 42	4150	866	137.	397	I		0 38 52	−58 1	305 5	−59 37
192	21 YZ CAS	+74 27	4161	891	.	407	624	YZ CAS	0 39 2	+74 26	122 33	+12 6
193	22 ο CAS	+47 183	4180	882	.	404	622		0 39 9	+47 44	121 46	−14 35
194	17 ϕ^1 CET	−11 128	4188	875	138.	402		VAR?	0 39 9	−11 9	116 40	−73 23
195	λ^2 SCL	−39 181	4211	879	139.				0 39 22	−38 58	310 12	−78 36
196		+54 143	4222	894	142.	408	625		0 39 35	+54 40	122 3	− 7 39
197		−22 127	4247	889	143.	406			0 39 48	−22 33	105 57	−84 39
198		−43 207	4293	900	.				0 40 13	−43 13	307 24	−74 24
199		−63 72	4294	893	.		I		0 40 10	−63 3	304 19	−54 36
200		+68 49	4295	921	.	420			0 40 22	+68 47	122 30	+ 6 27

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
151	0 36 6	+ 4 58	−22 51	+33	6.05	+0.30	A7p	−0.080	−0.038	.	+ 14	.	.		
152	0 36 46	+ 5 26	+44 29	+33	5.29 R	.	K5III	−0.026	+0.035	+.006	− 33	.	.		
153	0 36 58	+ 5 34	+53 54	+33	3.61	−0.20	B2V	+0.018	−0.008	−.007	+ 2	.	.		G
154	0 36 53	+ 5 21	+33 43	+33	4.43 R	−0.13	B5V	+0.013	−0.006	−.012	+ 9V	4.5	36.1	3	R
155	0 36 48	+ 5 13	+15 14	+33	5.81	−0.13	B3V	+0.001	−0.016	.	− 12	.	.		6
156	0 37 7	+ 5 16	+24 1	+33	6.44 R	.	K1	−0.016	−0.042	.	− 1	.	.		
157	0 37 21	+ 5 21	+35 24	+33	5.46 R	.	gG0	−0.020	−0.004	.	− 0	.	.		
158	0 39 47	+ 7 35	+82 29	+33	6.34 R	.	dF6	−0.111	+0.091	+.025	− 33	.	.		
159	0 37 20	+ 5 8	−24 46	+33	5.56	+0.74	G5V	+1.383	−0.008	+.070	+ 17	.0	.8		*
160	0 36 37	+ 4 24	−65 8	+33	6.41	+1.26	gK2	+0.028	−0.018	.		.	.		
161	0 37 31	+ 5 9	+ 3 8	+33	6.98	+1.32	K4III	+0.090	−0.055	.	+ 4	.	.		
162	0 37 18	+ 4 39	−54 24	+33	6.40	+1.00	gG9	+0.051	−0.020	.		.	.		
163	0 38 33	+ 5 17	+29 19	+33	4.37	+0.88	G8III	−0.232	−0.249	+.031	− 84	.	.		
164	0 39 10	+ 5 32	+49 21	+33	5.58 R	.	gK5	+0.004	−0.010	.	− 10	4.5	14.8		1
165	0 39 20	+ 5 21	+30 52	+33	3.21	+1.31	K3III	+0.133	−0.090	+.024	− 7V	9.5	28.7	3	D
166	0 39 22	+ 5 12	+21 15	+32	5.84	+0.86	K0V	−0.466	−0.369	+.100	− 34	.	.		
167	0 39 56	+ 5 16	+21 26	+33	5.42 R	.	K0II-III	+0.025	−0.033	+.006	− 17	2.7	6.6		D
168	0 40 31	+ 5 41	+56 32	+33	2.24	+1.18	K0II-III	+0.050	−0.029	+.009	− 4	6.0	64.4	4	D
169	0 38 41	+ 3 56	−73 8	+33	6.84	+0.11	A0	−0.015	+0.021	.		.	.		
170	0 39 58	+ 4 55	−33 57	+33	6.3 H	.	F8	+0.325	−0.111	+.015	− 11	.	.		V
171	0 39 52	+ 4 46	−44 48	+33	6.00	+1.15	gK1	+0.036	+0.001	.		.	.		
172	0 40 28	+ 5 1	−16 31	+33	6.48	+0.91	G5	+0.033	−0.034	.		.	.		
173	0 40 33	+ 5 2	−23 49	+32	6.13	+0.70	dG3	+0.640	−0.329	+.036	− 53	.	.		
174	0 40 42	+ 5 5	− 4 21	+33	5.92	+1.10	gG7	−0.018	−0.014	.	+ 35	.	.		
175	0 41 7	+ 5 25	+39 28	+33	5.33	+0.88	G8III	−0.014	−0.004	.	− 5	.	.		G
176	0 40 25	+ 4 41	−59 27	+34	5.88	+0.56	G1V	+0.886	+0.451	+.052	+ 3	.	.		
177	0 42 3	+ 5 58	+66 9	+33	5.82 R	.	G9III-IV	−0.005	−0.004	.	− 3	.	.		
178	0 41 36	+ 5 18	+24 38	+33	5.93 R	.	A m	+0.100	−0.021	.	− 15	.	.		
179	0 42 4	+ 5 35	+50 31	+33	4.79	−0.11	B2V	+0.011	−0.005	.	− 8V?	.	.		G
180	0 41 19	+ 4 43	−46 5	+33	4.58	+0.97	G8III	−0.026	+0.000	+.001	+ 17	.	.		G
181	0 42 31	+ 5 45	+58 45	+33	6.09 R	−0.01	B9	+0.035	−0.003	.	− 2	.	.		
182					.	.		.	.	.		.	.		
183	0 41 46	+ 4 33	−56 30	+33	5.69	+0.22	A8p	+0.081	+0.046	.	+ 10	4.2	13.4		D
184	0 43 28	+ 5 32	+47 2	+33	4.99 R	.	A5	−0.025	−0.033	+.020	+ 13V	.	.		R
185	0 42 43	+ 4 49	−38 28	+33	6.05	−0.03	A0V	−0.006	−0.002	.	+ 4V	.2	.7		2
186	0 42 41	+ 4 29	−60 16	+33	5.98	+1.32	K2	+0.252	−0.043	.	+ 26	.	.		
187	0 42 28	+ 4 16	−65 28	+33	5.38	+0.50	dF5	+0.052	+0.047	+.031	+ 14V	.	.		R
188	0 43 35	+ 5 1	−17 59	+33	2.04	+1.02	K1III	+0.230	+0.040	+.057	+ 13	.	.		
189	0 44 26	+ 5 33	+47 52	+33	5.64	−0.12	B5V	−0.030	+0.016	.	− 60	.	.		
190	0 43 50	+ 5 2	−12 0	+33	6.18 H	.	G5	+0.003	−0.199	.		.	.		
191	0 43 21	+ 4 29	−57 28	+33	4.36	+0.00	A0IV	−0.006	+0.011	+.039	+ 10V	7.2	20.4		
192	0 45 39	+ 6 37	+74 59	+33	5.57VR	.	A2,3	−0.017	−0.022	.	+ 11V	3.7	36.1		*
193	0 44 44	+ 5 35	+48 17	+33	4.57	−0.06	B2V	+0.017	−0.007	.	− 8	6.5	33.1		*
194	0 44 12	+ 5 3	−10 36	+33	4.75	+1.02	K0III	−0.013	−0.106	+.018	+ 1	.	.		
195	0 44 12	+ 4 50	−38 25	+33	5.97 H	.	gK0	+0.229	+0.121	+.005	+ 24	.	.		
196	0 45 17	+ 5 42	+55 13	+33	5.50 R	.	A2	−0.027	+0.005	+.010	− 9	4.9	88.3	3	*
197	0 44 45	+ 4 57	−22 0	+33	5.23	+0.33	F2V	−0.069	+0.087	+.041	+ 10	.	.		
198	0 44 57	+ 4 44	−42 40	+33	5.93	+0.29	A7V	−0.071	−0.104	.	+ 9V	.	.		
199	0 44 32	+ 4 22	−62 30	+33	6.17 H	.	F5	+0.141	−0.003	.		1.9	2.9		
200	0 46 39	+ 6 17	+69 20	+33	6.31 R	.	F2	+0.197	+0.007	.	− 14	.	.		

BS = HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
201		− 5 120	4301	905	.	413			0 40 19	− 5 11	118 59	−67 28
202		−54 166	4304	902	.				0 40 23	−54 16	305 6	−63 23
203	18 CET	−13 128	4307	907	.	415			0 40 27	−13 25	117 1	−75 41
204		+54 148	4321	916	.	418			0 40 32	+54 45	122 11	− 7 34
205		+44 160	4335	918	.	419			0 40 38	+44 18	121 57	−18 1
206		−17 132	4338	913	.		636		0 40 42	−16 58	115 30	−79 13
207		+58 101	4362	926	.	426			0 40 53	+59 2	122 20	− 3 18
208	23 CAS	+74 29	4382	934	.	429			0 41 5	+74 18	122 41	+11 58
209		−48 176	4391	920	.		I		0 41 4	−48 6	305 43	−69 32
210		−23 293	4398	922	147.	423			0 41 14	−23 4	108 1	−85 15
211	57 PSC	+14 111	4408	928	148.	427		VAR?	0 41 19	+14 56	121 11	−47 23
212		+71 37	4440	943	.	435			0 41 37	+72 8	122 41	+ 9 48
213	58 PSC	+11 96	4482	935	.	430			0 41 48	+11 26	121 12	−50 53
214	59 PSC	+18 101	4490	938	.	431			0 41 56	+19 2	121 33	−43 17
215	34 ζ AND	+23 106	4502	940	151.	433		ζ AND	0 42 2	+23 43	121 44	−38 36
216	60 PSC	+ 5 104	4526	941	.	434			0 42 13	+ 6 12	121 7	−56 7
217	61 PSC	+20 105	4568	951	152.2	442			0 42 37	+20 23	121 49	−41 56
218		−18 127	4585	950	.	441			0 42 44	−18 37	117 16	−80 54
219	24 η CAS	+57 150	4614	962	155.	447	671		0 43 3	+57 17	122 35	− 5 3
220		−22 134	4622	957	.	443			0 43 4	−22 16	114 27	−84 32
221	62 PSC	+ 6 105	4627	958	.	444			0 43 6	+ 6 45	121 32	−55 34
222		+ 4 123	4628	959	156.	445			0 43 8	+ 4 46	121 27	−57 33
223	25 ν CAS	+50 147	4636	961	.	446		VAR?	0 43 10	+50 25	122 30	−11 55
224	63 δ PSC	+ 6 107	4656	963	158.	449			0 43 30	+ 7 2	121 43	−55 18
225	64 PSC	+16 76	4676	968	159.	451			0 43 43	+16 24	122 4	−45 56
226	35 ν AND	+40 171	4727	989	.	461			0 44 18	+40 32	122 36	−21 48
227		−14 145	4730	984	.	458	680		0 44 24	−14 6	120 48	−76 25
228		−24 345	4732	980	.	455	679		0 44 18	−24 41	113 8	−86 58
229		−47 229	4737	975	.				0 44 18	−47 15	304 14	−70 25
230	65 PSC	+26 131	4757	992	164.	462	683B		0 44 31	+27 10	122 30	−35 10
231	65 PSC	+26 131	4758	993	.	463	683A		0 44 31	+27 10	122 30	−35 10
232		−24 347	4772	990	.				0 44 38	−23 55	116 14	−86 13
233		+63 99	4775	1004	.	471		VAR?	0 44 39	+63 42	122 51	+ 1 22
234		+44 176	4778	999	.	468			0 44 43	+44 27	122 43	−17 53
235	19 ϕ^2 CET	−11 153	4813	1003	166.	470			0 45 7	−11 11	121 47	−73 31
236	λ HYI	−75 64	4815	983	167.	457			0 45 7	−75 28	303 12	−42 12
237		+61 178	4817	1014	.	476			0 45 18	+61 16	122 55	− 1 4
238		+50 161	4818	1013	.	474			0 45 14	+50 58	122 51	−11 22
239		−44 216	4849	1006	.				0 45 23	−43 56	303 51	−73 44
240		+82 20	4853	1045	.	491			0 45 30	+83 10	123 2	+20 50
241		+50 164	4881	1024	.	482			0 45 51	+51 2	122 57	−11 18
242	ρ PHE	−51 209	4919	1019	172.	480		VAR?	0 46 8	−51 32	303 15	−66 8
243		+ 2 118	4928	1026	.	484			0 46 9	+ 2 51	122 51	−59 29
244		+60 124	5015	1047	174.	492	721		0 47 6	+60 35	123 8	− 1 45
245		−44 226	5042	1037	.		I		0 47 12	−44 15	302 41	−73 25
246		+37 159	5066	1049	.	494			0 47 23	+38 1	123 14	−24 19
247		−24 376	5098	1051	.	496	726		0 47 46	−24 33	127 56	−86 52
248	20 CET	− 1 114	5112	1055	175.	499			0 47 54	− 1 41	123 48	−64 1
249		+36 148	5118	1060	.	501			0 47 59	+36 53	123 22	−25 27
250		+51 179	5128	1068	.	503	735		0 48 1	+52 9	123 17	−10 11

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
201	0 45 24	+ 5 5	− 4 38	+33	6.44 H	.	gM0	+0.024	+0.039	.	+ 7	.	.		
202	0 44 59	+ 4 36	−53 43	+33	6.14	+0.53	dF6	+0.213	−0.009	.		.	.		
203	0 45 28	+ 5 1	−12 53	+32	6.11 H	.	dF8	−0.037	−0.196	.	− 13	.	.		
204	0 46 15	+ 5 43	+55 18	+33	6.47 R	.	A2	+0.014	−0.009	.	− 8	.	.		
205	0 46 10	+ 5 32	+44 51	+33	6.02 R	−0.06	B8	+0.026	−0.007	.	+ 0	.	.		6
206	0 45 42	+ 5 0	−16 25	+33	6.46	+0.32	F0	+0.010	+0.001	.		3.0	2.8		7
207	0 46 43	+ 5 50	+59 35	+33	6.39	+1.11	G0Ib	−0.008	+0.003	.	− 15	.	.		
208	0 47 46	+ 6 41	+74 51	+33	5.41 R	−0.08	B8	+0.017	−0.004	.	− 3V	.	.		R
209	0 45 45	+ 4 41	−47 33	+33	5.79	+0.64	K0	+0.176	+0.087	.		7.7	14.4		
210	0 46 12	+ 4 58	−22 31	+33	5.62 H	.	sgG6	+0.197	−0.001	+.008	− 15	.	.		
211	0 46 33	+ 5 14	+15 29	+33	5.36 R	.	gM4	−0.030	−0.043	+.012	− 27V?	.	.		
212	0 48 9	+ 6 32	+72 41	+33	5.92 R	.	sgK0	+0.131	+0.030	.	+ 1	.	.		
213	0 47 1	+ 5 13	+11 59	+33	5.52 R	.	gG9	+0.051	−0.029	.	− 1	.	.		
214	0 47 13	+ 5 17	+19 35	+33	6.01 R	.	A5	+0.097	+0.008	.	+ 0	.	.		G
215	0 47 20	+ 5 18	+24 16	+33	5.1 H	.	K1II	−0.104	−0.080	+.032	− 24V	8.	96.		*
216	0 47 23	+ 5 10	+ 6 45	+33	6.00	+0.94	gG6	+0.009	−0.011	.	+ 14	.	.		
217	0 47 55	+ 5 18	+20 56	+33	6.45 R	.	dF6	+0.154	+0.008	+.022	+ 1	.	.		G
218	0 47 43	+ 4 59	−18 4	+33	5.88 H	.	gK3	+0.040	+0.037		+ 2	.	.		
219	0 49 6	+ 6 3	+57 49	+32	3.45	+0.58	G0V	+1.101	−0.523	+.182	+ 9	3.6	9.7	7	D
220	0 48 1	+ 4 57	−21 43	+33	5.56	−0.06	B9V	+0.021	−0.006	.	+ 21	.	.		
221	0 48 17	+ 5 11	+ 7 18	+33	5.94	+1.10	gG7	+0.106	+0.009	.	− 1	.	.		
222	0 48 23	+ 5 15	+ 5 17	+31	5.76	+0.88	dK4	+0.752	−1.142	+.145	− 13	.	.		
223	0 48 50	+ 5 40	+50 58	+33	5.00 R	−0.11	B9	+0.032	−0.004	.	+ 1V?	.	.		
224	0 48 41	+ 5 11	+ 7 35	+33	4.44	+1.50	K5III	+0.083	−0.047	+.016	+ 32	.	.		
225	0 48 58	+ 5 15	+16 56	+32	5.12 R	.	F8V	−0.009	−0.201	+.046	+ 2V	.	.		R
226	0 49 49	+ 5 31	+41 5	+33	4.53	−0.15	B5V	+0.016	−0.019	.	− 24V	.	.		R
227	0 49 25	+ 5 1	−13 33	+33	5.84 H	.	gK5	+0.102	−0.092	.	+ 4	6.2	1.3		3
228	0 49 14	+ 4 56	−24 8	+33	6.06 H	.	gK2	+0.074	−0.048	.	+ 23	7.4	8.9		
229	0 48 56	+ 4 38	−46 42	+33	6.26	+0.90	K0	−0.019	+0.019	.		.	.		
230	0 49 53	+ 5 22	+27 43	+33	6.29 H	.	gF2	+0.081	−0.007	+.007	+ 5	.0	4.6		*
231	0 49 53	+ 5 22	+27 43	+33	6.29 H	.	gF0	+0.088	−0.006	.	+ 7	.0	4.6		*
232	0 49 33	+ 4 55	−23 22	+33	6.28	+0.14	A3V	−0.012	+0.003	.	+ 24V	.	.		
233	0 50 43	+ 6 4	+64 15	+33	5.36 R	.	A +dF	+0.032	−0.007	.	+ 3V	.	.		
234	0 50 18	+ 5 35	+45 0	+33	6.14	+0.02	A p	+0.068	+0.005	.	+ 2	.	.		
235	0 50 7	+ 5 0	−10 39	+32	5.20	+0.50	F8V	−0.231	−0.222	+.059	+ 8	.	.		G
236	0 48 35	+ 3 28	−74 55	+33	5.06	+1.37	M1III	+0.130	−0.029	+.017	− 9V	.	.		
237	0 51 17	+ 5 59	+61 49	+33	6.22 R	.	cK5	−0.002	+0.011	.	− 21	.	.		
238	0 50 57	+ 5 43	+51 31	+33	6.39 R	.	gF6	+0.132	−0.001	.	+ 2	.	.		
239	0 50 4	+ 4 41	−43 23	+33	6.47	+0.30	F p	+0.002	+0.017	.		.	.		
240	0 54 53	+ 9 23	+83 43	+33	5.53 R	.	A2	+0.060	−0.014	.	+ 28	.	.		
241	0 51 33	+ 5 42	+51 35	+33	6.20 R	.	A0	−0.013	−0.017	.	− 14	.	.		
242	0 50 41	+ 4 33	−50 59	+33	5.22	+0.38	dF2	+0.049	+0.042	−.001	+ 22	.	.		
243	0 51 18	+ 5 9	+ 3 24	+33	6.40 R	.	gG7	+0.012	−0.061	.	+ 6	.	.		
244	0 53 4	+ 5 58	+61 8	+33	4.86 R	.	F8V	−0.071	+0.177	+.062	+ 21	3.0	129.7	5	
245	0 51 52	+ 4 40	−43 42	+33	6.89	+0.36	dF4	+0.016	−0.012	.007D		.5	1.8		D
246	0 52 53	+ 5 30	+38 34	+33	6.46 R	+0.02	A1V	+0.026	−0.019	.	+ 16V	.	.		6
247	0 52 40	+ 4 54	−24 0	+33	5.59 H	.	gK2	+0.030	+0.038	.	+ 34V	5.0	11.5		2
248	0 53 1	+ 5 7	− 1 8	+33	4.76	+1.58	M0III	+0.004	−0.012	−.008	+ 16	.	.		
249	0 53 29	+ 5 30	+37 26	+33	6.00 R	.	gK3	+0.010	−0.045	.	− 6	.	.		
250	0 53 47	+ 5 46	+52 42	+33	6.20 R	.	A m	+0.073	−0.023	.	− 1	3.0	8.1	4	D

BS = HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
251		−25 338	5156	1063	.		733A		0 48 18	−25 19	132 21	−87 37
252	λ^1 TUC	−70 37	5190	1056	.		I	VAR?	0 48 36	−70 3	302 49	−47 37
253	26 υ^1 CAS	+58 134	5234	1086	181.	511	748		0 49 4	+58 26	123 23	− 3 54
254	66 PSC	+18 122	5267	1084	183.	510	746		0 49 17	+18 39	123 57	−43 41
255	21 CET	− 9 181	5268	1082	.	508			0 49 15	− 9 17	125 8	−71 36
256		+47 242	5273	1090	.	512			0 49 24	+48 9	123 33	−14 11
257		−63 83	5276	1078	.	507			0 49 28	−63 25	302 31	−54 15
258	36 AND	+22 146	5286	1091	.	513	755	VAR?	0 49 37	+23 5	123 58	−39 15
259		+23 126	5316	1096	.	515			0 49 53	+24 1	124 1	−38 19
260		+57 172	5343	1104	.	520			0 50 16	+57 26	123 34	− 4 54
261		+67 81	5357	1114	.	524			0 50 26	+68 14	123 25	+ 5 54
262	67 PSC	+26 151	5382	1105	.	521			0 50 36	+26 40	124 10	−35 39
263		− 8 167	5384	1103	.	519			0 50 39	− 7 53	126 2	−70 12
264	27 γ CAS	+59 144	5394	1117	185.	526	782	γ CAS	0 50 40	+60 11	123 34	− 2 9
265	28 υ^2 CAS	+58 138	5395	1115	186.	525			0 50 42	+58 38	123 36	− 3 42
266		+59 146	5408	1120	.	529	784		0 50 45	+59 49	123 35	− 2 31
267	22 ϕ^3 CET	−12 162	5437	1111	188.	523			0 51 1	−11 48	127 1	−74 6
268		−28 288	5445	1110	.				0 51 4	−28 19	246 43	−88 49
269	37 μ AND	+37 175	5448	1122	189.	531	788		0 51 12	+37 57	124 4	−24 22
270	λ^2 TUC	−70 40	5457	1102	190.	518			0 51 16	−70 4	302 29	−47 36
271	38 η AND	+22 153	5516	1136	191.	538			0 51 52	+22 53	124 38	−39 26
272		+45 237	5526	1142	.	541			0 52 0	+45 18	124 4	−17 1
273		+65 115	5550	1156	.	547			0 52 11	+65 49	123 38	+ 3 29
274	68 PSC	+28 157	5575	1148	.	543			0 52 25	+28 27	124 36	−33 52
275		+33 140	5608	1159	.	549			0 52 45	+33 26	124 32	−28 53
276		+12 119	5612	1153	.	546			0 52 40	+13 9	125 20	−49 9
277		+20 131	5641	1160	.	550	805		0 53 0	+20 52	125 4	−41 27
278		+70 65	5715	1190	.	565			0 53 48	+70 27	123 41	+ 8 8
279	23 ϕ^4 CET	−12 173	5722	1173	.	556			0 53 43	−11 55	129 27	−74 10
280	α SCL	−30 297	5737	1172	.	555			0 53 47	−29 54	268 19	−87 16
281		−61 50	5771	1177	.				0 54 13	−61 14	301 25	−56 25
282		+43 193	5788	1191	.	566	824B		0 54 24	+44 10	124 32	−18 9
283		+43 193	5789	1192	.	567	824A		0 54 24	+44 10	124 32	−18 9
284		+ 5 131	5820	1193	197.	568	B		0 54 39	+ 5 56	126 41	−56 21
285		+85 19	5848	1288	.	611			0 55 2	+85 43	123 14	+23 23
286		+88 4	5914	1473	.	705			0 55 37	+88 29	123 8	+26 9
287		+50 202	6028	1241	.	584			0 56 29	+50 30	124 40	−11 48
288	ξ SCL	−39 260	6055	1229	204.1	582			0 56 38	−39 27	293 41	−78 2
289		+46 243	6114	1257	207.	595	862		0 57 15	+46 50	124 57	−15 28
290	39 AND	+40 209	6116	1254	.	594	863		0 57 17	+40 48	125 14	−21 29
291	69 σ PSC	+31 168	6118	1253	.	593			0 57 20	+31 16	125 45	−31 1
292		+60 157	6130	1263	.	598	868		0 57 27	+60 32	124 24	− 1 46
293	σ SCL	−32 410	6178	1252	.	592			0 57 40	−32 5	275 14	−84 58
294	71 ϵ PSC	+ 7 153	6186	1258	209.	596			0 57 45	+ 7 21	127 53	−54 53
295		−57 220	6192	1250	.				0 57 48	−57 32	300 3	−60 4
296	25 CET	− 5 177	6203	1262	.	597			0 57 59	− 5 22	130 30	−67 32
297		+60 158	6210	1279	.	604			0 58 9	+61 4	124 28	− 1 14
298		+51 220	6211	1275	.	603			0 58 10	+51 58	124 53	−10 20
299		−47 313	6245	1266	210.	600			0 58 19	−46 56	297 2	−70 36
300		−30 325	6269	1270	.				0 58 31	−30 4	256 23	−86 27

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
251	0 53 12	+ 4 54	−24 46	+33	6.44 H	.	dF6	+0.091	+0.040	.006D		1.6	5.5		2
252	0 52 24	+ 3 48	−69 31	+32	6.21	+0.56	F8	−0.005	−0.083	.		.8	21.8		7
253	0 55 0	+ 5 56	+58 58	+32	4.80 R	.	K2III	−0.033	−0.040	+.006	− 23	6.8	93.6	3	D
254	0 54 35	+ 5 18	+19 12	+33	5.70 R	−0.01	A1V	+0.016	−0.013	+.005	+ 12	1.1	.6	3	D
255	0 54 18	+ 5 3	− 8 45	+32	6.17	+0.92	sgG3	+0.013	−0.046	.	+ 45V?	.	.		
256	0 55 5	+ 5 41	+48 42	+33	6.43 R	.	M1	−0.026	−0.005	.	− 52	.	.		
257	0 53 37	+ 4 9	−62 52	+33	5.64 H	.	gM5	+0.062	−0.001	.	− 12	.	.		
258	0 54 58	+ 5 21	+23 37	+32	5.45 R	.	sgK1	+0.128	−0.029	.022D	+ 2	.6	1.3	3	D
259	0 55 14	+ 5 21	+24 34	+33	6.19 R	.	gM7	+0.018	−0.013	.	− 10	.	.		
260	0 56 12	+ 5 56	+57 58	+32	6.29 R	.	K3III	+0.037	−0.011	.	− 30	.	.		
261	0 56 55	+ 6 29	+68 46	+32	6.33 R	.	F0	+0.137	−0.015	.	− 8	.	.		
262	0 55 59	+ 5 23	+27 13	+33	5.97 R	+0.11	A3V	−0.020	+0.010	.	− 8	.	.		
263	0 55 42	+ 5 3	− 7 21	+32	5.85	+1.53	gK5	−0.006	−0.043	.	+ 2	.	.		
264	0 56 42	+ 6 2	+60 43	+32	2.65	−0.22	B0IV?e	+0.026	−0.002	+.034	− 7	8.7	2.2	3	*
265	0 56 40	+ 5 58	+59 10	+32	4.70 R	+0.90	G8III-IV	−0.092	−0.043	+.040	− 47	.	.		
266	0 56 47	+ 6 2	+60 21	+32	5.57 R	−0.07	B9	+0.033	−0.003	.006D	− 2V	.7	.3	3	*
267	0 56 2	+ 5 1	−11 16	+32	5.30	+1.52	K4III	−0.025	−0.003	−.006	− 26	.	.		
268	0 55 55	+ 4 51	−27 46	+33	6.20 H	.	M1	−0.007	+0.006	.		.	.		
269	0 56 45	+ 5 33	+38 30	+33	3.93 R	+0.14	A5V	+0.152	+0.034	+.032	+ 8	5.9	272.7	4	D
270	0 55 0	+ 3 44	−69 32	+32	5.44	+1.09	G7III	+0.002	−0.035	+.029	+ 5	.	.		
271	0 57 13	+ 5 21	+23 25	+32	4.43	+0.93	G8III-IV	−0.037	−0.040	+.002	− 10V	.	.		*
272	0 57 40	+ 5 40	+45 50	+32	6.07 R	.	gK2	+0.008	+0.007	.	+ 5	.	.		
273	0 58 31	+ 6 20	+66 21	+32	5.87 R	−0.02	B9	+0.044	−0.001	.	− 10	.	.		
274	0 57 50	+ 5 25	+28 59	+32	5.54 R	.	gG6	+0.001	−0.009	.	− 1	.	.		
275	0 58 14	+ 5 29	+33 58	+32	5.94 R	.	K0	+0.046	−0.058	.	− 17	.	.		
276	0 57 55	+ 5 15	+13 41	+32	6.32	+0.88	G5III	−0.015	−0.010	.	+ 15	.	.		G
277	0 58 20	+ 5 20	+21 24	+32	6.34 R	+0.09	A2V	−0.008	−0.001	.009D	− 6	1.4	.8		D
278	1 0 31	+ 6 43	+70 59	+32	6.41 R	.	A4n	+0.087	+0.003	.	+ 6	.	.		G
279	0 58 43	+ 5 0	−11 23	+32	5.79 H	.	gG7	−0.038	−0.014	.	− 19	.	.		
280	0 58 36	+ 4 49	−29 22	+32	4.30	−0.16	B8III	+0.010	+0.005	.	+ 10	.	.		
281	0 58 22	+ 4 9	−60 42	+32	6.22	+0.10	A3	+0.047	+0.020	.		.	.		
282	1 0 3	+ 5 39	+44 42	+32	6.84 H	.	A1n	+0.009	−0.022	.005D	+ 17V	1.0	7.9		D
283	1 0 4	+ 5 40	+44 42	+32	6.04 H	−0.01	A1n	+0.014	−0.021	.005D	+ 1V	1.0	7.9		*
284	0 59 50	+ 5 11	+ 6 28	+32	6.14 R	.	gM2	+0.018	−0.003	−.003	− 15	7.1	.		
285	1 8 45	+ 13 43	+86 15	+32	4.21	+1.17	K2III	+0.082	−0.006	.	+ 9	.	.		
286	1 33 44	+ 38 7	+89 1	+32	6.46 R	.	A2	+0.071	−0.024	.	− 10	.	.		
287	1 2 18	+ 5 49	+51 2	+32	6.59 R	.	A3	−0.007	−0.011	.	+ 6	.	.		
288	1 1 18	+ 4 40	−38 55	+32	5.58	+1.18	gK0	+0.075	+0.056	+.028	− 31	.	.		
289	1 3 0	+ 5 45	+47 22	+32	6.31 R	.	A3n	+0.084	−0.014	+.003	+ 3	1.3	.6		*
290	1 2 54	+ 5 37	+41 20	+32	5.97	+0.15	A7V	−0.024	−0.008	.	+ 4	6.4	20.6		G
291	1 2 49	+ 5 29	+31 48	+32	5.38 R	−0.05	B9V	+0.012	−0.026	.	+ 10V	.	.		R
292	1 3 37	+ 6 10	+61 4	+32	5.88 R	.	A9s	−0.005	+0.009	.	− 1	3.1	1.3		
293	1 2 26	+ 4 46	−31 33	+32	5.50	+0.08	A2V	+0.074	+0.010	.	− 21V	.	.		
294	1 2 56	+ 5 11	+ 7 53	+32	4.28	+0.96	K0III	−0.082	+0.029	+.029	+ 7	.	.		
295	1 2 2	+ 4 14	−57 0	+32	6.10	+0.94	G8III	+0.001	+0.017	.	+ 13	.	.		
296	1 3 2	+ 5 3	− 4 50	+32	5.44	+1.11	K0III-IV	−0.112	−0.101	.	+ 15	.	.		
297	1 4 20	+ 6 11	+61 36	+32	5.77 R	.	dF5	−0.069	−0.017	.	− 16	.	.		
298	1 4 3	+ 5 53	+52 30	+32	6.07 R	.	K2	+0.009	−0.056	.	− 7	.	.		
299	1 2 49	+ 4 30	−46 24	+32	5.35	+0.90	gG6	−0.009	+0.008	+.018	− 1	.	.		
300	1 3 17	+ 4 46	−29 32	+32	6.28	+0.93	G5IV	−0.122	−0.027	.	+ 56	.	.		

CHATHAM PUBLIC

BS = HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
301	26 CET	+ 0 174	6288	1281	.	606	875		0 58 40	+ 0 50	129 22	−61 21
302		+50 212	6300	1293	.	614			0 58 56	+50 29	125 4	−11 48
303		+28 174	6301	1290	.	612			0 58 59	+29 8	126 18	−33 7
304		−66 80	6311	1269	.				0 58 53	−66 0	301 3	−51 37
305		+39 249	6314	1292	.	613			0 58 59	+39 27	125 40	−22 49
306		+86 17	6319	1403	211.	668			0 59 6	+86 37	123 16	+24 17
307	73 PSC	+ 4 172	6386	1301	.	615			0 59 42	+ 5 7	129 4	−57 4
308	72 PSC	+14 163	6397	1302	.	616	889		0 59 49	+14 24	127 50	−47 49
309		+61 206	6416	1316	.	624			1 0 4	+62 14	124 39	− 0 4
310	74 ψ^1 PSC	+20 156	6456	1309	.	620	899A		1 0 19	+20 56	127 20	−41 17
311	74 ψ^1 PSC	+20 157	6457	1310	.	621	899B		1 0 20	+20 56	127 20	−41 17
312		+79 29	6473	1358	.	644			1 0 40	+79 29	123 44	+17 10
313	77 PSC	+ 4 175	6479	1317	.	626	903A		1 0 39	+ 4 23	129 39	−57 46
314	77 PSC	+ 4 176	6480	1319	.	627	903B		1 0 41	+ 4 23	129 40	−57 46
315	27 CET	−10 229	6482	1313	.	623			1 0 36	−10 31	134 38	−72 32
316		+56 196	6497	1339	.	636			1 0 55	+56 24	125 4	− 5 53
317	28 CET	−10 230	6530	1325	.				1 1 4	−10 23	134 54	−72 23
318		+52 262	6540	1343	.	637	915		1 1 12	+52 58	125 18	− 9 18
319	75 PSC	+12 135	6557	1336	.	635			1 1 18	+12 25	128 38	−49 46
320		−24 484	6559		.				1 1 17	−24 32	170 21	−85 27
321	30 μ CAS	+54 223	6582	1360	219.	646			1 1 37	+54 26	125 16	− 7 50
322	β PHE	−47 324	6595	1335	220.	634	R 174	VAR?	1 1 37	−47 15	295 32	−70 12
323		−36 417	6619	1341	.				1 1 45	−36 12	283 24	−80 53
324	41 AND	+43 234	6658	1364	223.	649			1 2 16	+43 25	126 4	−18 50
325		−24 496	6668	1357	.				1 2 22	−24 32	172 26	−85 16
326		+57 200	6676	1376	.	656			1 2 26	+57 44	125 11	− 4 32
327	78 PSC	+31 185	6680	1368	.	651			1 2 29	+31 29	127 0	−30 44
328	79 ψ^2 PSC	+19 185	6695	1370	.	653			1 2 35	+20 12	128 7	−41 59
329	30 CET	−10 238	6706	1369	.	652			1 2 44	−10 19	136 11	−72 14
330	80 PSC	+ 4 190	6763	1383	227.	658			1 3 13	+ 5 7	130 40	−56 58
331	υ PHE	−42 391	6767	1378	228.	657	R 178		1 3 14	−42 1	290 51	−75 15
332	ι TUC	−62 89	6793	1372	232.	654			1 3 21	−62 19	299 39	−55 14
333		+78 34	6798	1420	.	676			1 3 37	+79 9	123 54	+16 51
334	31 η CET	−10 240	6805	1384	233.	660			1 3 34	−10 43	137 7	−72 35
335	42 ϕ AND	+46 275	6811	1394	234.	664	940		1 3 42	+46 43	126 6	−15 31
336	31 CAS	+68 77	6829	1406	235.	670			1 3 53	+68 15	124 41	+ 5 58
337	43 β AND	+34 198	6860	1400	238.	666	949	VAR?	1 4 8	+35 5	127 6	−27 7
338	ζ PHE	−55 241	6882	1387	.	662	R 182	ζ PHE	1 4 11	−55 47	297 51	−61 42
339	81 ψ^3 PSC	+18 153	6903	1404	.	669			1 4 28	+19 7	128 51	−43 1
340	44 AND	+41 219	6920	1410	.	672			1 4 38	+41 33	126 40	−20 39
341		+24 186	6953	1415	.	674			1 4 54	+24 56	128 17	−37 13
342		+63 149	6960	1426	.	681		VAR?	1 4 58	+63 40	125 6	+ 1 24
343	33 θ CAS	+54 236	6961	1424	241.	680		VAR?	1 5 1	+54 37	125 45	− 7 37
344		+14 175	6966	1411	.	673			1 4 53	+15 9	129 32	−46 57
345	32 CAS	+64 127	6972	1434	.	684		RU CAS	1 5 10	+64 29	125 4	+ 2 13
346	32 CET	− 9 227	6976	1418	.	675			1 5 11	− 9 26	137 27	−71 15
347	33 CET	+ 1 221	7014	1422	.	678		VAR?	1 5 25	+ 1 55	132 31	−60 4
348	45 AND	+36 201	7019	1432	243.				1 5 33	+37 12	127 14	−24 59
349	82 PSC	+30 181	7034	1431	.	682			1 5 36	+30 54	127 50	−31 15
350		−58 81	7082	1425	.				1 6 3	−58 13	298 3	−59 16

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
301	1 3 49	+ 5 9	+ 1 22	+32	6.02 R	.	dF0	+0.118	−0.036	.024D	+ 6	2.4	16.6	3	D
302	1 4 47	+ 5 51	+51 1	+32	6.52	−0.09	B3V	+0.016	+0.000	.	− 5	.	.		G
303	1 4 27	+ 5 28	+29 40	+32	6.01 R	.	F5	+0.081	−0.113	.	+ 0	.	.		
304	1 2 43	+ 3 50	−65 28	+32	6.22 H	+1.64	M4	+0.003	+0.003	.		.	.		
305	1 4 37	+ 5 38	+39 59	+32	6.57 R	.	A2n	+0.074	−0.020	.	+ 11	.	.		
306	1 16 14	+ 17 8	+87 9	+32	6.25 R	.	gK2	+0.056	−0.019	+.010	− 5	.	.		
307	1 4 53	+ 5 11	+ 5 39	+32	6.00 R	.	gK5	+0.024	−0.010	.	− 15	.	.		
308	1 5 6	+ 5 17	+14 56	+32	5.58 R	.	dF2	+0.004	+0.052	.	+ 4V	7.0	55.4		*
309	1 6 21	+ 6 17	+62 46	+32	6.41 R	.	A3n	+0.103	−0.019	.	+ 11V	.	.		*
310	1 5 41	+ 5 22	+21 28	+32	5.55 H	.	B9.5IV	+0.048	−0.014	.016D	− 3	.1	30.0	3	D
311	1 5 42	+ 5 22	+21 28	+32	5.82 H	.	B9V	+0.045	−0.016	.016D	− 4	.1	30.0	3	D
312	1 9 12	+ 8 32	+80 1	+32	6.39 R	.	sgG6	−0.026	−0.033	.	− 27	.	.		
313	1 5 50	+ 5 11	+ 4 55	+32	6.75 H	.	dF5	+0.018	−0.116	.	− 7	.5	33.7	5	D
314	1 5 52	+ 5 11	+ 4 55	+32	7.64 H	.	dF4	+0.025	−0.114	.	− 10	.5	33.7	5	D
315	1 5 36	+ 5 0	− 9 59	+32	6.13	+1.00	KOIII	−0.038	−0.028	.	+ 12	.	.		G
316	1 7 1	+ 6 6	+56 56	+32	6.43	+1.18	K2III	+0.110	−0.128	.	− 96	.	.		
317	1 6 5	+ 5 1	− 9 51	+32	5.57	+0.00	A0	+0.025	+0.009	.		.	.		
318	1 7 9	+ 5 57	+53 30	+32	6.36 R	.	K0	+0.021	+0.002	.	+ 7	3.6	24.0	3	D
319	1 6 34	+ 5 16	+12 57	+32	6.13 R	.	gG7	+0.012	+0.036	.	+ 8	.	.		
320	1 6 7	+ 4 50	−24 0	+32	6.29 H	.	G5	−0.052	+0.002	.		.	.		
321	1 8 17	+ 6 40	+54 55	+29	5.12?	+0.69	G5Vp	+3.430	−1.575	+.136	− 97	.	.		
322	1 6 5	+ 4 28	−46 43	+32	3.30	+0.89	G8III	−0.035	+0.003	+.017	− 1	.0	1.4		2
323	1 6 26	+ 4 41	−35 40	+32	6.60 H	.	A m	+0.059	−0.020	.		.	.		
324	1 8 1	+ 5 45	+43 57	+32	4.97 R	.	A2m?	+0.163	−0.057	+.028	+ 9	.	.		
325	1 7 13	+ 4 51	−24 0	+32	6.36	+0.24	A7V	+0.093	−0.033	.	+ 15V	.	.		
326	1 8 34	+ 6 8	+58 16	+32	5.68 R	−0.01	B8	+0.007	−0.002	.	− 4	.	.		
327	1 8 1	+ 5 32	+32 1	+32	6.25	+0.40	F5IV	+0.200	−0.034	.	+ 14	.	.		G
328	1 7 57	+ 5 22	+20 44	+32	5.58 R	+0.13	A3V	+0.085	−0.092	.	− 2	.	.		
329	1 7 46	+ 5 2	− 9 47	+32	5.87 H	.	dF3	+0.148	+0.023	.	+ 22	.	.		
330	1 8 22	+ 5 9	+ 5 39	+32	5.53	+0.33	F2V	−0.267	−0.176	+.033	+ 7	.	.		G
331	1 7 48	+ 4 34	−41 29	+32	5.20	+0.16	A3V	+0.031	+0.002	+.010	+ 9V	.2	.3		
332	1 7 19	+ 3 58	−61 47	+32	5.36	+0.88	G5III	+0.072	−0.004	+.026	− 8	.	.		
333	1 12 17	+ 8 40	+79 41	+32	5.62 R	.	A0	+0.092	+0.003	.	+ 18	.	.		
334	1 8 36	+ 5 2	−10 11	+32	3.44	+1.16	K3III	+0.213	−0.132	+.032	+ 12	.	.		
335	1 9 30	+ 5 48	+47 15	+32	4.26 R	−0.07	B7V	+0.006	−0.008	−.004	− 0V?	1.6	.5		D
336	1 10 39	+ 6 46	+68 47	+32	5.30 R	.	A0	+0.037	−0.018	+.014	+ 1	.	.		
337	1 9 44	+ 5 36	+35 37	+32	2.03	+1.63	M0III	+0.177	−0.113	+.043	+ 0	9.7	90.8	4	1
338	1 8 23	+ 4 12	−55 15	+32	3.94	−0.10	B6V	+0.014	+0.027	.013D	+ 18V	2.8	.8	3	*
339	1 9 49	+ 5 21	+19 39	+32	5.50 R	.	gF5	−0.008	+0.010	.	− 8	.	.		
340	1 10 19	+ 5 41	+42 5	+32	5.67	+0.60	F8V	−0.139	−0.040	.	− 11	.	.		
341	1 10 20	+ 5 26	+25 28	+32	5.90 R	.	gK5	−0.003	−0.112	.	+ 5	.	.		
342	1 11 26	+ 6 28	+64 12	+32	5.47 R	−0.06	B9	+0.040	−0.008	.	− 10	.	.		
343	1 11 7	+ 6 6	+55 9	+32	4.33	+0.17	A7V	+0.228	−0.019	+.005	+ 9V	.	.		*
344	1 10 11	+ 5 18	+15 41	+32	6.19 R	.	gK6	+0.028	−0.020	.	− 3V?	.	.		
345	1 11 41	+ 6 31	+65 1	+32	5.49 H	−0.10	B8	+0.024	−0.011	.	− 2	.	.		
346	1 10 12	+ 5 1	− 8 54	+32	6.41	+1.03	gG6	−0.018	−0.031	.	− 20	.	.		
347	1 10 34	+ 5 9	+ 2 27	+32	6.05 R	.	gK4	−0.004	−0.009	.	− 3	.	.		
348	1 11 10	+ 5 37	+37 44	+32	5.75 H	−0.10	B7III	−0.015	−0.006	+.001	+ 0	.	.		
349	1 11 7	+ 5 31	+31 26	+32	5.00 R	.	A7	−0.014	−0.012	.	+ 2V?	.	.		
350	1 10 8	+ 4 5	−57 41	+32	6.47 H	.	G5	−0.018	−0.111	.		.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
351	84 ψ PSC	+20 172	7087	1437	244.	687			1 6 5	+20 30	129 10	−41 36
352	83 τ PSC	+29 190	7106	1441	245.	688			1 6 9	+29 34	128 7	−32 35
353	34 CET	− 3 161	7147	1444	.	690			1 6 38	− 2 47	134 49	−64 40
354		+60 186	7157	1455	.	696	987		1 6 48	+61 10	125 30	− 1 4
355		+44 261	7158	1451	.	693			1 6 46	+44 48	126 49	−17 23
356		+29 195	7229	1462	.	699	990		1 7 29	+29 32	128 27	−32 35
357		+79 36	7238	1494	.	720			1 7 39	+79 23	124 5	+17 5
358		−31 484	7259	1456	.				1 7 40	−31 20	253 0	−84 8
359		−38 420	7312	1465	.				1 8 9	−38 23	281 38	−78 23
360	85 φ PSC	+23 158	7318	1474	250.	706	995		1 8 19	+24 3	129 22	−38 1
361	86 ζ PSC	+ 6 174	7344	1476	251.	708	996A	VAR?	1 8 30	+ 7 3	132 32	−54 53
362	86 ζ PSC	+ 6 175	7345	1477	.	709	996B	VAR?	1 8 32	+ 7 3	132 33	−54 53
363		+27 196	7351	1480	.	712			1 8 35	+28 0	128 56	−34 5
364	87 PSC	+15 177	7374	1482	.	714			1 8 49	+15 36	130 50	−46 24
365		− 8 215	7389	1490	.	724			1 9 20	− 8 27	139 45	−70 3
366	37 CET	− 8 216	7439	1491	253.	719	1003A	VAR?	1 9 22	− 8 28	139 47	−70 4
367	88 PSC	+ 6 181	7446	1496	.	722			1 9 30	+ 6 28	133 7	−55 25
368	38 CET	− 1 162	7476	1501	254.	723			1 9 43	− 1 31	136 0	−63 16
369		+47 357	7546	1519	.				1 10 31	+47 33	127 14	−14 35
370	ν PHE	−46 346	7570	1510	257.	726			1 10 40	−46 4	290 10	−69 0
371		+32 223	7578	1521	.	730			1 10 44	+32 35	128 54	−29 29
372		+44 271	7647	1539	.	737			1 11 16	+44 23	127 41	−17 44
373	39 CET	− 3 172	7672	1534	260.1	734			1 11 32	− 3 2	137 44	−64 39
374		+30 196	7724	1544	.	742			1 11 51	+31 13	129 21	−30 49
375		+76 40	7732	1580	.	753			1 11 59	+77 3	124 32	+14 47
376		+46 319	7758	1565	.	745			1 12 16	+46 54	127 36	−15 12
377	κ TUC	−69 45	7788	1536	264.	735	IA		1 12 23	−69 24	299 41	−48 6
378	89 PSC	+ 2 185	7804	1566	266.	746			1 12 38	+ 3 5	135 37	−58 37
379		+36 220	7853	1578	.	750	1055		1 13 7	+36 52	128 55	−25 10
380		−67 81	7916	1568	.		I		1 13 35	−66 56	298 55	−50 31
381		+75 59	7925	1616	.	767			1 13 52	+75 43	124 48	+13 28
382	34 φ CAS	+57 260	7927	1594	271.	762	1073		1 13 47	+57 42	126 42	− 4 27
383	90 υ PSC	+26 220	7964	1591	273.	761			1 13 58	+26 44	130 33	−35 12
384	35 CAS	+63 176	8003	1613	.	765	1088	VAR?	1 14 24	+64 8	126 6	+ 1 58
385	42 CET	− 1 171	8036	1600	.	763	1081		1 14 41	− 1 2	138 26	−62 32
386		+77 49	8065	1642	.	774			1 14 57	+78 12	124 34	+15 57
387		− 4 185	8120	1622	.				1 15 30	− 3 46	140 26	−65 8
388		−11 248	8121	1618	.				1 15 30	−11 46	147 33	−72 43
389	91 PSC	+27 215	8126	1630	.	771			1 15 35	+28 13	130 45	−33 41
390	46 ξ AND	+44 287	8207	1647	279.	777			1 16 27	+45 0	128 35	−17 1
391		+57 274	8272	1662	.	785	1105		1 16 59	+57 37	127 8	− 4 29
392		+ 0 223	8334	1657	.	783			1 17 28	+ 1 12	138 44	−60 12
393	43 CET	− 1 179	8335	1655	.	782		VAR?	1 17 28	− 0 58	139 51	−62 18
394		−19 229	8350	1658	.		1106		1 17 40	−19 36	166 7	−79 15
395	47 AND	+36 237	8374	1681	.	790			1 17 57	+37 12	129 56	−24 43
396		+33 220	8375	1680	.	789			1 17 57	+33 43	130 28	−28 10
397		+19 226	8388	1677	.	788			1 18 1	+19 57	132 59	−41 47
398		+70 102	8424	1700	.	798			1 18 25	+70 27	125 45	+ 8 17
399	36 ψ CAS	+67 123	8491	1707	285.	801	1129		1 18 52	+67 36	126 9	+ 5 28
400		−31 562	8498	1687	.				1 18 52	−31 28	243 27	−82 1

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
351	1 11 28	+ 5 23	+21 2	+32	4.72 R	.	G8III	+0.035	−0.011	+.013	+ 16	.	.		
352	1 11 40	+ 5 31	+30 6	+32	4.52 R	.	K0III-IV	+0.069	−0.036	+.035	+ 30V	.	.		
353	1 11 43	+ 5 5	− 2 15	+32	5.95	+1.40	K4III	−0.066	−0.020	.	− 9	.	.		
354	1 13 10	+ 6 22	+61 42	+32	6.23 R	+0.00	B9	+0.034	−0.016	.	− 2	2.8	1.0		
355	1 12 34	+ 5 48	+45 20	+32	6.47 R	.	gM1	+0.017	+0.028	.	+ 22	.	.		
356	1 13 0	+ 5 31	+30 4	+32	6.22 R	.	G8III	+0.017	−0.032	.	+ 36	3.8	11.2	3	D
357	1 16 31	+ 8 52	+79 55	+32	6.28 R	.	F5	−0.052	+0.064	.	− 43	.	.		
358	1 12 24	+ 4 44	−30 48	+32	6.51	+0.48	dF3	+0.052	−0.073	.		.	.		
359	1 12 45	+ 4 36	−37 51	+32	5.91	+0.29	A7III	+0.083	−0.033	.	+ 9V	.	.		
360	1 13 45	+ 5 26	+24 35	+32	4.53 R	.	K0III	+0.012	−0.030	+.002	+ 6V	5.4	8.0	3	*
361	1 13 44	+ 5 14	+ 7 35	+32	5.57 H	.	A5	+0.139	−0.051	+.023	+ 9V	1.1	23.8	3	*
362	1 13 46	+ 5 14	+ 7 35	+32	6.49 H	.	dF6	+0.142	−0.047	.	+ 11V	5.7	1.0	3	*
363	1 14 5	+ 5 30	+28 32	+32	6.46 R	.	M2S	+0.077	−0.046	.	+ 2	.	.		6
364	1 14 8	+ 5 19	+16 8	+32	5.84 R	−0.09	B8III	−0.026	−0.024	.	− 16	.	.		
365	1 14 22	+ 5 2	− 7 55	+32	6.20 R	.	K0	+0.130	+0.284	.	− 17	.	.		
366	1 14 24	+ 5 2	− 7 56	+32	4.99	+0.46	dF2	+0.121	+0.279	+.048	+ 22	1.9	50.1		D
367	1 14 42	+ 5 12	+ 7 0	+32	6.04	+1.08	gG6	−0.016	−0.020	.	− 9	.	.		
368	1 14 49	+ 5 6	− 0 59	+32	5.71	+0.43	dF5	−0.016	+0.210	+.025	+ 26	.	.		
369	1 16 25	+ 5 54	+48 5	+32	6.48 R	−0.04	B8	+0.015	−0.002	.		.	.		
370	1 15 11	+ 4 31	−45 32	+32	4.95	+0.57	F8V	+0.659	+0.185	+.064	+ 12	.	.		G
371	1 16 19	+ 5 35	+33 7	+32	6.18 R	.	K1III	+0.014	−0.032	.	+ 6	.	.		
372	1 17 5	+ 5 49	+44 55	+32	6.33 R	.	K5	+0.012	−0.043	.	− 52	.	.		
373	1 16 37	+ 5 5	− 2 30	+32	5.54 H	+0.90	gG5	−0.108	−0.058	+.017	− 20	.	.		
374	1 17 24	+ 5 33	+31 45	+32	6.70 R	.	K0	−0.055	+0.004	.	− 34	.	.		
375	1 20 19	+ 8 20	+77 35	+32	6.28 R	.	G5III	−0.015	+0.091	.	− 74	.	.		
376	1 18 10	+ 5 54	+47 26	+32	6.28 R	.	K0	+0.014	−0.001	.	− 1	.	.		
377	1 15 46	+ 3 23	−68 52	+32	4.85	+0.48	F6V	+0.399	+0.112	+.042	+ 9	2.2	5.8	4	D
378	1 17 48	+ 5 10	+ 3 37	+32	5.17	+0.07	A3V	−0.052	−0.019	+.010	+ 5V	.	.		G
379	1 18 47	+ 5 40	+37 24	+32	6.31 R	.	A m	−0.014	−0.013	.008D	+ 5	2.8	6.2		2
380	1 17 3	+ 3 28	−66 24	+32	6.23	+0.05	A0	+0.043	+0.005	.010D		3.0	2.8		2
381	1 22 0	+ 8 8	+76 14	+31	6.40 R	.	A3	+0.073	−0.024	.	− 16	.	.		
382	1 20 5	+ 6 18	+58 14	+32	4.95	+0.68	F0Ia	+0.000	+0.001	−.006	− 24V	2.3	134.5	5	*
383	1 19 28	+ 5 30	+27 16	+32	4.65 R	+0.02	A2V	+0.021	−0.008	+.014	+ 8V	.	.		
384	1 21 5	+ 6 41	+64 39	+31	6.30 R	.	A0	+0.058	−0.014	.	− 15	1.8	53.8		
385	1 19 48	+ 5 7	− 0 30	+32	6.01 H	.	G8III?	+0.009	−0.008	.009D	+ 14	1.0	1.8	3	D
386	1 23 46	+ 8 49	+78 43	+31	6.12 R	.	cA2	−0.005	+0.002	.	− 75	.	.		
387	1 20 34	+ 5 4	− 3 14	+32	6.44 H	.	G5	−0.016	+0.012	.		.	.		
388	1 20 28	+ 4 58	−11 15	+31	6.30 H	.	K0	−0.049	−0.066	.		.	.		
389	1 21 7	+ 5 32	+28 44	+31	5.30 R	.	gK5	+0.026	−0.069	.	− 36	.	.		
390	1 22 20	+ 5 53	+45 31	+31	4.87 R	.	K0III-IV	+0.035	+0.008	+.025	− 12V?	.	.		
391	1 23 21	+ 6 22	+58 8	+31	6.39 R	.	dF4	+0.139	−0.090	.005D	+ 7	.2	1.2	4	D
392	1 22 37	+ 5 9	+ 1 43	+31	6.21	+1.52	gM0	+0.052	−0.044	.	− 15	.	.		
393	1 22 35	+ 5 7	− 0 27	+31	6.46 H	.	gK0	+0.019	−0.008	.	+ 14	.	.		
394	1 22 31	+ 4 51	−19 5	+31	6.44 H	.	F5	−0.060	−0.066	.008D		2.3	5.6		3
395	1 23 40	+ 5 43	+37 43	+31	5.49 R	+0.26	A m	+0.076	−0.016	.	+ 13V	.	.		*
396	1 23 37	+ 5 40	+34 15	+32	6.23 R	.	G8IV	+0.226	+0.118	.	+ 3	.	.		
397	1 23 25	+ 5 24	+20 28	+31	6.15 R	.	K5	−0.011	−0.006	.	− 11	.	.		
398	1 25 47	+ 7 22	+70 58	+31	6.47 R	.	A0	+0.017	−0.007	.	+ 11	.	.		
399	1 25 56	+ 7 4	+68 7	+31	4.84 R	.	K0III	+0.077	+0.030	+.012	− 12	4.4	33.4	4	D
400	1 23 31	+ 4 39	−30 57	+31	5.83	+1.61	K5III	−0.015	−0.040	.	− 16	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
401	44 CET	− 8 243	8511	1696	.				1 19 1	− 8 32	146 24	−69 24
402	45 θ CET	− 8 244	8512	1695	286.	795	1118		1 19 1	− 8 42	146 34	−69 33
403	37 δ CAS	+59 248	8538	1715	287.	805		δ CAS	1 19 16	+59 43	127 11	− 2 21
404		− 7 223	8556	1697	.	796	1123		1 19 19	− 7 26	145 32	−68 20
405		−16 237	8589	1703	.				1 19 46	−16 11	158 32	−76 11
406		− 3 195	8599	1704	.				1 19 44	− 3 22	142 33	−64 27
407		+22 226	8634	1722	.	808			1 20 8	+23 0	132 58	−38 41
408		−42 493	8651	1711	292.	803			1 20 15	−42 1	279 42	−74 6
409		+42 302	8671	1729	.	811			1 20 26	+42 57	129 36	−18 57
410		+33 228	8673	1726	.	810			1 20 26	+34 4	130 59	−27 45
411		−45 463	8681	1716	.				1 20 21	−45 3	284 8	−71 22
412	46 CET	−15 266	8705	1725	293.	809			1 20 42	−15 7	157 3	−75 10
413	93 ρ PSC	+18 187	8723	1733	294.	812		VAR?	1 20 52	+18 39	134 11	−42 57
414	94 PSC	+18 189	8763	1740	296.	816			1 21 18	+18 43	134 18	−42 52
415		+33 234	8774	1744	.	820			1 21 24	+33 52	131 14	−27 55
416		− 1 189	8779	1738	297.	814			1 21 20	− 0 55	141 49	−61 59
417	48 ω AND	+44 307	8799	1752	298.	827	1152		1 21 40	+44 53	129 33	−17 1
418		+40 289	8801	1749	.	825	1151		1 21 38	+40 35	130 12	−21 16
419		+ 2 211	8803	1745	298.1	821	1148		1 21 43	+ 3 1	139 52	−58 10
420		−65 130	8810	1730	.				1 21 38	−64 53	296 59	−52 22
421	47 CET	−13 262	8829	1747	.	824		VAR?	1 21 56	−13 35	155 10	−73 41
422		+39 334	8837	1756	.				1 21 58	+39 49	130 23	−22 1
423	R SCL	−33 525	8879	1753	.	828		R SCL	1 22 22	−33 4	250 15	−80 35
424	1 α UMI	+88 8	8890	2243	299.	1037	1477	α UMI	1 22 33	+88 46	123 17	+26 27
425		−11 272	8921	1769	.		1162		1 22 47	−11 25	152 24	−71 40
426		+ 7 213	8949	1780	.	838		VAR?	1 23 8	+ 7 27	138 31	−53 47
427	38 CAS	+69 102	9021	1817	303.	852			1 23 47	+69 45	126 18	+ 7 39
428		+65 175	9030	1811	304.	851			1 23 52	+65 35	126 55	+ 3 32
429	γ PHE	−43 449	9053	1787	305.	839		VAR?	1 24 1	−43 50	280 33	−72 10
430	49 AND	+46 370	9057	1806	306.	847			1 24 6	+46 29	129 45	−15 22
431		−34 576	9065	1796	.				1 24 10	−34 17	254 49	−79 35
432	97 PSC	+17 210	9100	1807	.	848			1 24 29	+17 51	135 33	−43 34
433	48 CET	−22 254	9132	1808	308.	849	1184		1 24 48	−22 9	182 40	−79 44
434	98 μ PSC	+ 5 194	9138	1819	309.	853			1 24 57	+ 5 38	140 3	−55 26
435		−47 440	9184	1813	.				1 25 17	−47 16	284 32	−68 59
436		−26 502	9228	1828	.	855	1193		1 25 40	−26 43	209 5	−81 16
437	99 η PSC	+14 231	9270	1839	314.	861	1199	VAR?	1 26 8	+14 50	137 0	−46 26
438		+34 265	9298	1850	.				1 26 25	+34 17	132 19	−27 20
439		+57 320	9352	1870	.	872			1 26 56	+57 49	128 26	− 4 6
440	δ PHE	−49 425	9362	1847	317.	863			1 27 5	−49 36	286 18	−66 44
441		−30 506	9377	1855	.				1 27 6	−30 48	235 1	−80 38
442	39 χ CAS	+58 260	9408	1879	319.	879			1 27 23	+58 43	128 21	− 3 12
443		−46 420	9414	1857	.		I		1 27 24	−46 5	282 8	−69 54
444		− 9 298	9484	1877	.				1 28 4	− 9 31	153 20	−69 23
445		−37 589	9525	1881	323.	880			1 28 28	−37 23	263 32	−76 54
446		+36 277	9531	1892	321.	886			1 28 30	+36 43	132 19	−24 52
447		−50 411	9544	1876	.				1 28 31	−50 14	286 24	−66 4
448		− 7 256	9562	1888	.	885			1 28 41	− 7 32	151 21	−67 32
449		+73 81	9612	1932	.				1 29 10	+73 47	126 5	+11 42
450		+17 224	9640	1900	.	889			1 29 24	+17 57	137 6	−43 13

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
401	1 24 3	+ 5 2	− 8 1	+31	6.22	+0.24	A5	+0.169	−0.065	.		.	.		
402	1 24 1	+ 5 0	− 8 11	+31	3.61	+1.06	K0III	−0.080	−0.215	+.034	+ 17	11.0	65.4		D
403	1 25 49	+ 6 33	+60 14	+31	2.68	+0.13	A5V	+0.297	−0.047	+.029	+ 7	.	.		G
404	1 24 21	+ 5 2	− 6 55	+31	5.92	+0.42	dF2	+0.037	+0.008	.023D	+ 29	.2	.4		D
405	1 24 40	+ 4 54	−15 40	+31	6.35 H	.	G5	+0.007	+0.000	.		.	.		
406	1 24 49	+ 5 5	− 2 51	+31	6.38 H	.	G5	+0.016	−0.029	.		.	.		
407	1 25 36	+ 5 28	+23 31	+31	6.00 R	.	F5	+0.017	−0.037	.	− 16V	.	.		6
408	1 24 40	+ 4 25	−41 30	+31	5.41	+1.04	gK0	+0.011	−0.029	−.016	+ 73	.	.		
409	1 26 19	+ 5 53	+43 28	+31	6.00 R	.	dF6	+0.100	−0.058	.	+ 31	.	.		
410	1 26 8	+ 5 42	+34 35	+31	6.16 R	.	dF5	+0.228	−0.085	.	+ 17	.	.		G
411	1 24 41	+ 4 20	−44 32	+31	6.25	+1.14	K0	−0.019	−0.017	.		.	.		
412	1 25 37	+ 4 55	−14 36	+31	4.89	+1.23	K3III	+0.036	−0.013	+.002	− 23	.	.		
413	1 26 15	+ 5 23	+19 10	+31	5.26 R	.	dF1	−0.027	+0.011	+.036	− 9	.	.		
414	1 26 42	+ 5 24	+19 14	+31	5.53 R	.	gK1	+0.043	−0.060	+.014	− 42	.	.		
415	1 27 5	+ 5 41	+34 23	+31	6.19 R	.	F5	+0.151	−0.010	.	+ 15	.	.		G
416	1 26 27	+ 5 7	− 0 24	+31	6.49 H	.	gK0	+0.040	+0.005	+.017	− 6	.	.		
417	1 27 39	+ 5 59	+45 24	+31	4.91 R	.	F4IV	+0.341	−0.105	+.024	+ 11	5.4	134.3	4	*
418	1 27 27	+ 5 49	+41 6	+31	6.36 R	.	A3	+0.000	+0.000	.	+ 1	7.0	14.8		1
419	1 26 53	+ 5 10	+ 3 32	+31	6.59	−0.04	B8	+0.000	−0.029	−.018	+ 15	2.0	6.2		D
420	1 25 5	+ 3 27	−64 22	+31	5.92	+1.56	M0III	+0.013	−0.017	.	+ 23	.	.		
421	1 26 52	+ 4 56	−13 4	+31	5.68 H	.	F1V	+0.015	+0.012	.	+ 10	.	.		
422	1 27 46	+ 5 48	+40 20	+31	6.32 R	−0.04	B9III	+0.011	−0.018	.		.	.		
423	1 26 58	+ 4 36	−32 33	+31	6.2 H	.	N3	−0.020	−0.026	.	− 8V	.	.		
424	2 31 13	+ 68 40	+89 15	+29	2.5 H	.	F8Ib	+0.046	−0.004	+.003	− 17V	7.0	18.8	4	*
425	1 27 46	+ 4 59	−10 54	+31	6.25 H	.	K0	+0.175	+0.024	.		3.7	1.9		
426	1 28 23	+ 5 15	+ 7 58	+31	6.21	+1.12	K1III	+0.107	+0.001	.	+ 2	.	.		
427	1 31 14	+ 7 27	+70 16	+31	5.87 R	.	dF6	+0.137	−0.068	+.037	+ 5V	.	.		6
428	1 30 52	+ 7 0	+66 6	+31	6.19 R	.	A m?	+0.085	−0.005	−.002	+ 9	.	.		*
429	1 28 21	+ 4 20	−43 19	+31	3.40 H	+1.57	K5II	−0.028	−0.207	−.003	+ 26V	.	.		R
430	1 30 6	+ 6 0	+47 0	+31	5.23 R	.	G9III	+0.004	−0.043	+.015	− 11	.	.		
431	1 28 44	+ 4 34	−33 46	+31	6.58	+0.31	F0IV	−0.064	−0.020	.	− 4	.	.		
432	1 29 53	+ 5 24	+18 22	+31	5.93 R	+0.14	A4III	+0.060	−0.002	.	+ 4	.	.		
433	1 29 36	+ 4 48	−21 38	+31	5.12	+0.02	A1V	+0.051	+0.007	+.021	− 8V	6.8	22.4		7
434	1 30 11	+ 5 14	+ 6 9	+31	4.86	+1.37	K4III	+0.291	−0.043	+.021	+ 35	.	.		
435	1 29 31	+ 4 14	−46 45	+31	6.29 H	+1.66	gM4	−0.022	+0.014	.		.	.		
436	1 30 23	+ 4 43	−26 12	+31	5.92	+1.34	gK4	+0.038	+0.004	.	− 1	5.5	2.9		D
437	1 31 29	+ 5 21	+15 21	+31	3.62	+0.97	G8III	+0.026	−0.006	+.007	+ 15	7.0	1.4		3
438	1 32 7	+ 5 42	+34 48	+31	6.24 R	−0.13	B6V	−0.012	−0.001	.		.	.		
439	1 33 26	+ 6 30	+58 20	+31	5.92 R	.	cK1	+0.011	+0.006	.	− 1	.	.		
440	1 31 15	+ 4 10	−49 5	+31	3.94	+0.99	K0III-IV	+0.131	+0.157	+.023	− 7	.	.		
441	1 31 43	+ 4 37	−30 17	+31	5.81	+1.08	gK0	+0.000	−0.064	.		.	.		
442	1 33 55	+ 6 32	+59 14	+31	4.74 R	.	G8III	−0.036	−0.017	+.019	+ 6	.	.		
443	1 31 39	+ 4 15	−45 34	+31	6.16	+0.06	A0	−0.010	+0.007	.		4.2	1.4		7
444	1 33 3	+ 4 59	− 9 0	+31	6.60 H	.	A0	+0.027	+0.008	.		.	.		
445	1 32 56	+ 4 28	−36 52	+31	5.49 H	.	gK0	−0.004	−0.018	+.003	+ 13	.	.		
446	1 34 16	+ 5 46	+37 14	+31	5.69 R	−0.07	B8V	+0.008	−0.013	+.014	− 4	.	.		
447	1 32 37	+ 4 6	−49 43	+31	6.27	+0.46	dF6	−0.039	−0.075	.		.	.		
448	1 33 43	+ 5 2	− 7 1	+31	5.76	+0.65	dG2	+0.179	−0.075	.	− 15	.	.		
449	1 37 23	+ 8 13	+74 18	+31	6.40 R	+0.03	B8	+0.030	−0.003	.		.	.		
450	1 34 49	+ 5 25	+18 28	+31	5.87 R	.	gM2	+0.031	−0.068	.	− 26	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
451	49 CET	−16 265	9672	1903	.				1 29 45	−16 11	166 18	−74 47
452		+40 328	9712	1925	.	894			1 29 58	+40 34	131 52	−21 2
453		−32 613	9742	1918	.				1 30 17	−32 24	242 20	−79 26
454		+47 460	9746	1938	.	899			1 30 20	+48 13	130 32	−13 29
455	101 PSC	+13 240	9766	1929	.	897		VAR?	1 30 26	+14 9	138 42	−46 51
456	40 CAS	+72 86	9774	1955	329.	908	1268	VAR?	1 30 31	+72 32	126 24	+10 29
457		+16 176	9780	1931	.	898			1 30 30	+16 55	137 47	−44 10
458	50 υ AND	+40 332	9826	1948	331.	905			1 30 56	+40 54	132 0	−20 40
459	50 CET	−16 270	9856	1941	.	902			1 31 6	−15 55	166 36	−74 22
460		−58 123	9896	1937	333.			VAR?	1 31 30	−58 39	292 2	−58 3
461		+57 349	9900	1965	.	909			1 31 35	+57 28	129 6	− 4 20
462	τ SCL	−30 540	9906	1947	.	904	I		1 31 31	−30 25	231 24	−79 49
463	102 π PSC	+11 205	9919	1954	.	907			1 31 48	+11 38	140 9	−49 12
464	51 AND	+47 467	9927	1966	335.	910			1 31 51	+48 7	130 48	−13 32
465		+44 341	9996	1977	.	913			1 32 30	+44 54	131 32	−16 41
466		−10 343	10009	1971	337.		R 263		1 32 37	− 9 55	156 40	−69 12
467		−79 40	10042	1934	.		I		1 32 59	−79 1	300 16	−38 24
468		−58 126	10052	1967	.				1 33 5	−58 47	291 45	−57 51
469	52 χ AND	+43 343	10072	1991	341.	920			1 33 21	+43 53	131 53	−17 39
470		+53 363	10110	2010	.	931			1 33 51	+53 22	130 9	− 8 19
471		−37 620	10142	1989	.				1 34 1	−37 2	259 13	−76 19
472	α ERI	−57 334	10144	1979	344.	916			1 33 59	−57 45	290 52	−58 47
473		−22 272	10148	1995	.	923			1 34 5	−21 47	187 2	−77 44
474		−25 670	10161	1996	.		1298		1 34 8	−25 32	204 25	−79 10
475	105 PSC	+15 245	10164	2007	.	930			1 34 17	+15 54	139 22	−44 56
476		+42 345	10204	2026	.	934			1 34 40	+42 48	132 21	−18 40
477	53 τ AND	+39 378	10205	2025	.	933	1311	VAR?	1 34 40	+40 4	132 55	−21 21
478	43 CAS	+67 149	10221	2045	.	943			1 34 56	+67 32	127 41	+ 5 38
479		−54 358	10241	2004	.		IA		1 34 56	−53 57	287 43	−62 16
480	42 CAS	+69 114	10250	2059	348.	948		VAR?	1 35 10	+70 7	127 13	+ 8 10
481		+60 308	10260	2046	.				1 35 15	+60 32	129 1	− 1 14
482		+57 370	10293	2058	.		1334		1 35 39	+58 7	129 31	− 3 36
483		+41 328	10307	2050	350.	944			1 35 42	+42 7	132 41	−19 18
484		+25 276	10308	2042	351.	942	1326		1 35 44	+25 14	136 47	−35 48
485		+29 286	10348	2054	.	946			1 36 0	+29 32	135 41	−31 36
486	p ERI	−56 329	10360	2030	352.	938	IB		1 36 0	−56 42	289 37	−59 40
487	p ERI	−56 329	10361	2030	.	937	IA		1 36 0	−56 42	289 37	−59 40
488		+60 312	10362	2073	.				1 36 9	+60 55	129 3	+ 0 51
489	106 ν PSC	+ 4 293	10380	2055	353.	947			1 36 14	+ 4 59	145 7	−55 13
490		+34 297	10390	2064	.	951			1 36 16	+34 44	134 27	−26 30
491	44 CAS	+59 307	10425	2086	.	961	1344		1 36 33	+60 3	129 16	− 1 41
492	CET	−12 315	10453	2069	355.	955	1339		1 36 49	−11 49	162 7	−70 16
493	107 PSC	+19 279	10476	2080	356.	957			1 37 4	+19 47	138 52	−41 0
494		−38 584	10481	2067	.				1 37 4	−38 38	262 27	−74 48
495		+44 354	10486	2095	.	968			1 37 11	+44 48	132 24	−16 37
496	ϕ PER	+49 444	10516	2102	357.	969		ϕ PER	1 37 23	+50 11	131 19	−11 20
497	π SCL	−32 666	10537	2085	361.	960			1 37 38	−32 50	241 19	−77 50
498		−37 650	10538	2082	.	959			1 37 39	−37 20	258 18	−75 34
499		+56 330	10543	2109	360.	973	1359		1 37 41	+57 2	130 0	− 4 37
500		− 4 260	10550	2093	362.	965			1 37 40	− 4 12	152 45	−63 34

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
451	1 34 38	+ 4 53	−15 40	+31	5.64 H	.	A2V	+0.094	+0.008	.		.	.		
452	1 35 52	+ 5 54	+41 5	+31	6.25 R	.	K1III	+0.139	+0.001	.	+ 65	.	.		
453	1 34 51	+ 4 34	−31 53	+31	6.18 H	.	G5	−0.083	−0.032	.		.	.		
454	1 36 27	+ 6 7	+48 44	+31	6.04 R	.	gK1	−0.015	−0.016	.	− 43	.	.		
455	1 35 47	+ 5 21	+14 40	+31	6.13 R	−0.04	B9III	+0.003	−0.009	.	− 16	.	.		
456	1 38 31	+ 8 0	+73 3	+31	5.41 R	.	G8II-III	−0.008	−0.012	+.018	− 4	6.0	53.4		
457	1 35 55	+ 5 25	+17 26	+31	5.77 R	.	A5	+0.151	+0.011	.	+ 3	.	.		
458	1 36 48	+ 5 52	+41 24	+30	4.08	+0.54	F8V	−0.175	−0.378	+.062	− 28	.	.		
459	1 35 59	+ 4 53	−15 24	+31	5.48 H	.	K2III	+0.016	+0.022	.	+ 24	.	.		
460	1 35 15	+ 3 45	−58 8	+31	6.00	+0.38	F2V	+0.274	−0.032	+.006	− 19	.	.		
461	1 38 7	+ 6 32	+57 59	+31	5.56	+1.38	G5II	−0.011	−0.005	.	− 8	.	.		G
462	1 36 8	+ 4 37	−29 54	+31	5.68	+0.34	dF4	+0.095	+0.044	.025D	+ 5	1.1	3.1		D
463	1 37 6	+ 5 18	+12 9	+31	5.56 R	.	A5n	−0.068	+0.043	.	− 1	.	.		
464	1 37 59	+ 6 8	+48 37	+30	3.56	+1.28	K3III	+0.063	−0.112	+.021	+ 16	.	.		
465	1 38 31	+ 6 1	+45 25	+31	6.30	+0.10	A p	−0.037	+0.016	.	+ 3V	.	.		
466	1 37 37	+ 5 0	− 9 24	+31	6.23	+0.53	F5	+0.250	+0.088	+.026		.5	.4		
467	1 33 39	+ 0 40	−78 31	+30	6.10	+0.97	G3IV	−0.025	−0.130	.	− 1	7.9	50.2		1
468	1 36 45	+ 3 40	−58 16	+31	6.10 H	.	M1	+0.017	+0.005	.		.	.		
469	1 39 21	+ 6 0	+44 24	+31	5.04 R	.	G8III	−0.022	+0.014	+.008	+ 7V	.	.		
470	1 40 13	+ 6 22	+53 52	+30	6.50 R	.	K5III	−0.012	+0.000	.	− 62	.	.		
471	1 38 27	+ 4 26	−36 32	+30	5.93	+1.06	G5	−0.025	−0.125	.	+ 30	.	.		
472	1 37 42	+ 3 43	−57 15	+30	0.47	−0.19	B5IV	+0.092	−0.034	+.023	+ 19V	.	.		N
473	1 38 52	+ 4 47	−21 16	+31	5.68 H	.	A4n	+0.119	+0.041	.	+ 18V	.	.		
474	1 38 50	+ 4 42	−25 1	+31	6.68	−0.08	B9Vn	−0.001	+0.014	.	+ 17	6.9	20.1		7
475	1 39 41	+ 5 24	+16 24	+30	5.92 R	.	gK2	+0.075	−0.014	.	+ 18	.	.		
476	1 40 40	+ 6 0	+43 18	+30	5.45 R	.	sgA9	+0.126	−0.034	.	+ 17	.	.		G
477	1 40 34	+ 5 54	+40 34	+30	4.86 R	−0.10	B8IV	+0.013	−0.023	.	− 14V	5.2	52.8		3
478	1 42 21	+ 7 25	+68 2	+30	5.59	−0.08	A p	+0.056	−0.002	.	+ 5	.	.		
479	1 38 48	+ 3 52	−53 27	+30	6.83	+0.45	dF6	−0.035	−0.045	.		.6	11.1		D
480	1 42 56	+ 7 46	+70 37	+30	5.23 R	.	A0	+0.079	−0.007	+.004	+ 6V	.	.		
481	1 42 2	+ 6 47	+61 2	+30	5.58 R	−0.02	B8	+0.016	−0.002	.		.	.		
482	1 42 17	+ 6 38	+58 37	+30	6.19 R	−0.02	B9	+0.020	−0.006	.		2.5	19.8		
483	1 41 48	+ 6 6	+42 37	+30	4.94	+0.63	G2V	+0.809	−0.149	+.086	+ 4	.	.		G
484	1 41 19	+ 5 35	+25 44	+30	6.16 R	.	dF3	+0.115	−0.045	+.020	+ 5V	4.6	11.3	3	*
485	1 41 39	+ 5 39	+30 2	+30	5.99	+1.01	K0III	−0.016	−0.003	.	+ 5	.	.		G
486	1 39 47	+ 3 47	−56 12	+30	6.03 H	.	K0V	+0.272	+0.023	+.148	+ 19	.1	9.1		D
487	1 39 47	+ 3 47	−56 12	+30	6.00 H	.	K0V	+0.272	+0.023	.	+ 23	.1	9.1		D
488	1 42 59	+ 6 50	+61 25	+30	6.41 R	+0.00	B5Ib	+0.006	+0.016	.		.	.		
489	1 41 26	+ 5 12	+ 5 29	+30	4.43	+1.37	K3III	−0.024	+0.005	+.034	+ 0	.	.		
490	1 42 3	+ 5 47	+35 14	+30	.	−0.09	B9V	+0.052	−0.028	.	− 2	.	.		
491	1 43 19	+ 6 46	+60 33	+30	5.78 R	−0.01	B9	+0.010	−0.015	.	− 37V	3.4	140.2	4	*
492	1 41 45	+ 4 56	−11 19	+30	5.84 H	.	dF2+dF3	+0.041	−0.407	+.031	− 10	1.3	4.0		2
493	1 42 30	+ 5 26	+20 16	+29	5.23	+0.83	K1V	−0.296	−0.671	+.133	− 34	.	.		
494	1 41 27	+ 4 23	−38 8	+30	6.16	+0.42	dF5	+0.042	+0.055	.	+ 11	.	.		
495	1 43 16	+ 6 5	+45 18	+30	6.28 R	.	sgK2	+0.143	−0.015	.	+ 12	.	.		
496	1 43 39	+ 6 16	+50 41	+30	4.03	−0.02	B1III-V?pe	+0.024	−0.014	+.018	+ 1V	.	.		*
497	1 42 9	+ 4 31	−32 20	+30	5.28 H	.	gK0	−0.058	−0.019	−.010	+ 10V?	.	.		G
498	1 42 3	+ 4 24	−36 50	+30	5.71	−0.01	A2V	−0.046	−0.025	.	+ 20V	.	.		
499	1 44 18	+ 6 37	+57 32	+30	6.11 R	.	A2	+0.040	−0.036	−.005	+ 5	1.4	1.2		2
500	1 42 43	+ 5 3	− 3 42	+30	5.27 H	.	K3III	−0.003	−0.030	+.004	− 34	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
501		−50 461	10553	2077	.				1 37 42	−50 33	283 32	−65 9
502		+56 334	10587	2116	.	975			1 38 11	+56 35	130 9	− 5 3
503		+31 301	10588	2108	.	972			1 38 7	+31 41	135 38	−29 24
504		+45 432	10597	2112	.	974			1 38 20	+45 39	132 25	−15 45
505		−61 130	10615	2091	.	963			1 38 23	−61 18	292 11	−55 16
506		−54 365	10647	2104	.	971			1 38 38	−54 15	286 56	−61 46
507		− 5 309	10658	2113	.				1 38 53	− 5 16	154 27	−64 23
508	109 PSC	+19 282	10697	2131	.	983			1 39 28	+19 35	139 40	−41 3
509	52 τ CET	−16 295	10700	2123	365.	979			1 39 25	−16 28	173 16	−73 26
510	110 o PSC	+ 8 273	10761	2139	368.	984			1 40 7	+ 8 39	144 36	−51 27
511		+63 238	10780	2161	371.	998			1 40 31	+63 22	129 4	+ 1 40
512		−83 27	10800	2063	.				1 40 34	−83 29	301 14	−33 59
513		− 6 336	10824	2148	.	993			1 40 58	− 6 14	156 36	−64 59
514	ϵ SCL	−25 704	10830	2145	372.	991	1394		1 40 58	−25 33	206 17	−77 40
515		+16 196	10845	2156	.	997		VAR?	1 41 10	+16 55	141 11	−43 30
516	τ^1 HYI	−79 44	10859	2111	.		I		1 41 17	−79 39	299 59	−37 41
517		−27 595	10863	2152	.				1 41 23	−27 51	217 8	−77 53
518		+45 447	10874	2176	.	1003			1 41 40	+45 44	133 0	−15 32
519		−51 419	10934	2163	373.	999			1 42 11	−51 19	282 57	−64 8
520		−54 377	10939	2165	374.	1000			1 42 18	−54 1	285 41	−61 44
521		+37 372	10975	2193	.	1009			1 42 44	+37 27	135 11	−23 34
522	4 ARI	+16 203	10982	2188	.	1006			1 42 45	+16 27	141 53	−43 50
523		+31 316	11007	2195	375.	1011			1 42 58	+32 11	136 39	−28 40
524		−42 633	11022	2182	.				1 43 3	−42 16	268 33	−71 26
525		−85 17	11025	2092	.	964			1 43 8	−85 16	301 42	−32 15
526		+47 508	11031	2200	.	1014	1438		1 43 3	+47 24	132 51	−13 52
527		+ 2 270	11037	2196	.	1012			1 43 15	+ 3 11	149 10	−56 16
528		−37 687	11050	2190	.				1 43 26	−37 40	256 39	−74 27
529		+51 416	11151	2222	.	1029			1 44 33	+51 26	132 11	− 9 53
530	1 ARI	+21 243	11155	2216	.	1025	1457		1 44 37	+21 47	140 23	−38 36
531	53 χ CET	−11 352	11171	2212	382.	1021			1 44 40	−11 11	165 29	−68 37
532		−31 753	11183	2211	.				1 44 48	−31 34	233 43	−76 47
533	1 PER	+54 396	11241	2241	.	1036			1 45 25	+54 39	131 34	− 6 43
534		+10 252	11257	2229	.	1034		VAR?	1 45 34	+10 33	145 35	−49 12
535		−39 553	11262	2219	385.	1027	I		1 45 30	−38 54	259 19	−73 23
536	2 PER	+50 379	11291	2246	.				1 45 48	+50 18	132 38	−10 56
537		−48 487	11332	2234	.				1 46 19	−48 19	277 48	−66 20
538		+50 381	11335	2265	.	1043			1 46 27	+51 0	132 34	−10 14
539	55 ζ CET	−11 359	11353	2249	386.	1038		VAR?	1 46 31	−10 50	165 52	−68 4
540		+54 408	11408	2284	.	1051			1 47 11	+55 6	131 43	− 6 13
541		−50 514	11413	2247	.				1 47 2	−50 42	280 43	−64 16
542	45 ϵ CAS	+62 320	11415	2289	388.	1052		VAR?	1 47 12	+63 11	129 50	+ 1 39
543	55 AND	+40 394	11428	2274	389.	1047			1 47 17	+40 14	135 24	−20 39
544	2 α TRI	+28 312	11443	2272	390.	1046			1 47 23	+29 6	138 38	−31 24
545	5 γ^1 ARI	+18 243	11502	2290	391.	1053	1507B		1 48 2	+18 48	142 32	−41 13
546	5 γ^2 ARI	+18 243	11503	2291	.	1054	1507A		1 48 2	+18 48	142 32	−41 13
547		−17 336	11522	2283	.				1 48 4	−17 25	180 24	−72 31
548	46 ω CAS	+67 169	11529	2313	.	1062		VAR?	1 48 14	+68 12	128 46	+ 6 33
549	111 ξ PSC	+ 2 290	11559	2293	393.	1055		VAR?	1 48 23	+ 2 42	151 38	−56 11
550	τ^2 HYI	−80 35	11604	2228	.		I		1 48 43	−80 40	299 58	−36 37

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
501	1 41 41	+ 3 59	−50 3	+30	6.63	+0.12	A2	−0.032	−0.018	.		.	.		
502	1 44 46	+ 6 35	+57 5	+30	6.14 R	.	A1	+0.014	+0.000	.	+ 5	.	.		
503	1 43 50	+ 5 43	+32 11	+30	6.31 R	.	G8III-IV	−0.023	−0.006	.	− 5V	.	.		R
504	1 44 26	+ 6 6	+46 9	+30	6.47 R	.	gK5	−0.011	−0.026	.	− 19	.	.		
505	1 41 48	+ 3 25	−60 48	+30	5.70	+1.27	gK0	+0.007	−0.042	.	+ 2	.	.		
506	1 42 29	+ 3 51	−53 45	+30	5.56 H	.	sgG0	+0.164	−0.091	.	+ 13	.	.		
507	1 43 55	+ 5 2	− 4 46	+30	6.41 H	.	K0	−0.021	−0.026	.		.	.		
508	1 44 56	+ 5 28	+20 5	+30	6.15 R	.	dG4	−0.042	−0.108	.	− 44	.	.		
509	1 44 4	+ 4 39	−15 56	+32	3.50	+0.72	G8Vp	−1.718	+0.860	+.275	− 16	.	.		
510	1 45 24	+ 5 17	+ 9 9	+30	4.36 R	.	G8III	+0.071	+0.053	+.018	+ 14	.	.		
511	1 47 45	+ 7 14	+63 52	+30	5.59	+0.82	K0V	+0.584	−0.246	+.111	+ 2	.	.		
512	1 37 56	− 2 38	−82 58	+31	5.86	+0.61	G2V	+0.126	+0.129	.	− 5V	.	.		
513	1 45 59	+ 5 1	− 5 44	+30	5.34	+1.53	gK4	−0.015	−0.027	.	+ 11	.	.		
514	1 45 39	+ 4 41	−25 3	+30	5.30	+0.40	F1V	+0.160	−0.051	+.030	+ 15	4.0	5.5	4	D
515	1 46 36	+ 5 26	+17 25	+30	6.37 R	.	A7n	+0.051	+0.012	.	− 1	.	.		6
516	1 41 21	+ 0 4	−79 9	+30	6.32	+0.94	K0	+0.061	+0.017	.		6.3	16.0		D
517	1 46 0	+ 4 37	−27 21	+30	6.38	+0.37	F2Vn	+0.092	−0.049	.	+ 6V	.	.		
518	1 47 48	+ 6 8	+46 14	+30	6.24 R	.	F5	+0.009	−0.055	+.027	− 3	.	.		
519	1 46 6	+ 3 55	−50 49	+30	5.48	+1.62	gM4	+0.025	−0.022	−.028	− 2	.	.		
520	1 46 7	+ 3 49	−53 31	+30	5.03	+0.04	A0	+0.126	+0.068	+.016	+ 10	.	.		
521	1 48 38	+ 5 54	+37 57	+30	5.94	+0.97	K0III	+0.112	−0.027	.	+ 37	.	.		
522	1 48 10	+ 5 25	+16 57	+30	5.75 R	−0.03	B9.5V	+0.050	−0.031	.	+ 10V	.	.		6
523	1 48 42	+ 5 44	+32 41	+30	5.70 R	.	dF6	−0.173	+0.301	+.036	− 27	.	.		
524	1 47 17	+ 4 14	−41 46	+30	6.10 H	.	K2	+0.016	+0.045	.		.	.		
525	1 37 29	− 5 39	−84 46	+30	5.68	+0.94	K0III	+0.038	+0.025	.	+ 18	.	.		
526	1 49 16	+ 6 13	+47 54	+30	5.94 R	.	A2	−0.012	−0.002	.008D	− 2	.5	2.1	4	D
527	1 48 26	+ 5 11	+ 3 41	+30	5.93 R	.	gG6	−0.003	+0.023	.	+ 3	.	.		
528	1 47 48	+ 4 22	−37 10	+30	6.30	+1.02	K0	+0.000	+0.014	.		.	.		
529	1 50 57	+ 6 24	+51 56	+30	5.83 R	.	dF3	+0.041	−0.118	.	− 17	.	.		
530	1 50 9	+ 5 32	+22 17	+30	5.86	+0.73	K0III	−0.018	−0.007	.	+ 1	1.2	3.0		*
531	1 49 35	+ 4 55	−10 41	+30	4.69	+0.32	F2IV	−0.154	−0.084	+.041	− 1	1.0	184.		*
532	1 49 19	+ 4 31	−31 4	+30	6.42 H	.	K0	+0.096	−0.022	.		.	.		
533	1 51 59	+ 6 34	+55 9	+30	5.47 R	.	B2V	+0.021	−0.005	.	− 3V?	.	.		G
534	1 50 52	+ 5 18	+11 3	+30	5.94	+0.30	F0V	−0.072	−0.024	.	+ 11	.	.		G
535	1 49 49	+ 4 19	−38 24	+30	6.36	+0.52	dF7	−0.012	+0.236	+.017	+ 15	7.2	28.		7
536	1 2 10	+ 6 22	+50 48	+30	5.62 R	−0.06	B9	+0.018	−0.025	.		.	.		
537	1 50 20	+ 4 1	−47 49	+30	6.12	+1.02	K0	+0.113	+0.053	.		.	.		
538	1 52 51	+ 6 24	+51 30	+30	6.09 R	.	A0	−0.011	−0.007	.	+ 6	.	.		
539	1 51 27	+ 4 56	−10 20	+30	3.72	+1.14	K2III	+0.034	−0.036	+.038	+ 9V	.	.		R
540	1 53 49	+ 6 38	+55 36	+30	6.46 R	.	A2	+0.050	+0.004	.	+ 8	.	.		
541	1 50 55	+ 3 53	−50 12	+30	5.93	+0.14	A0	−0.061	−0.006	.		.	.		
542	1 54 24	+ 7 12	+63 41	+30	3.38 R	−0.15	B3IV?p	+0.035	−0.016	+.007	− 8	.	.		G
543	1 53 17	+ 6 0	+40 44	+30	5.48 R	.	gK1	−0.006	−0.001	+.003	− 7	.	.		
544	1 53 5	+ 5 42	+29 35	+29	3.53 R	.	F6IV	+0.010	−0.230	+.050	− 13V	.	.		R
545	1 53 31	+ 5 29	+19 17	+29	4.83 H	.	A si	+0.077	−0.111	+.021	+ 4	.2	8.7	3	D
546	1 53 31	+ 5 29	+19 17	+29	4.75 H	.	B9V	+0.078	−0.103	.	− 1	.2	8.7	3	D
547	1 52 52	+ 4 48	−16 55	+30	5.79	+0.28	A6m	+0.040	−0.043	.		.	.		
548	1 56 1	+ 7 47	+68 41	+29	4.99 R	−0.09	B8	+0.012	−0.008	.	− 24V	.	.		R
549	1 53 34	+ 5 11	+ 3 12	+30	4.60	+0.95	K0III	+0.021	+0.027	−.021	+ 30V	.	.		
550	1 47 48	− 0 55	−80 10	+30	6.06	+0.34	dF0	−0.062	−0.065	.		7.2	39.8		7

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
551		+39 434	11613	2310	.	1059			1 48 52	+40 12	135 43	−20 36
552		+36 346	11624	2312	.	1060			1 49 3	+36 38	136 45	−24 3
553	6 β ARI	+20 306	11636	2309	394.	1058		VAR?	1 49 7	+20 19	142 14	−39 41
554		−39 573	11643	2297	.				1 49 5	−39 5	258 22	−72 43
555	ψ PHE	−46 552	11695	2303	395.	1057		VAR?	1 49 38	−46 48	274 23	−67 13
556		+36 354	11727	2322	.	1068	1534B		1 49 59	+36 47	136 54	−23 51
557	56 AND	+36 355	11749	2324	.	1071	1534A		1 50 13	+36 46	136 57	−23 51
558	φ PHE	−43 583	11753	2315	.	1063			1 50 13	−42 59	267 11	−68 0
559	7 RR ARI	+22 284	11763	2323	.	1069		RR ARI	1 50 16	+23 5	141 29	−36 59
560		+ 1 347	11803	2326	396.	1073	1538	VAR?	1 50 44	+ 1 21	153 40	−57 9
561		+60 398	11857	2362	.				1 51 28	+61 12	130 48	+ 0 10
562		+40 407	11905	2359	.				1 51 52	+41 12	136 1	−19 30
563	8 ι ARI	+17 289	11909	2347	.	1078			1 51 53	+17 20	144 20	−42 18
564		+27 310	11928	2357	.	1080			1 52 3	+27 18	140 24	−32 50
565	56 CET	−23 721	11930	2343	403.	1077			1 51 59	−23 1	199 14	−74 32
566	χ ERI	−52 241	11937	2339	405.	1076	I		1 52 4	−52 6	280 55	−62 40
567		+63 265	11946	2379	.	1091	1571		1 52 15	+64 8	130 9	+ 2 42
568	3 PER	+48 576	11949	2372	.	1087			1 52 12	+48 43	134 3	−12 13
569	9 λ ARI	+22 288	11973	2366	407.	1082	1563A	VAR?	1 52 21	+23 7	142 2	−36 48
570	η^2 HYI	−68 101	11977	2331	.	1074			1 52 24	−68 8	293 56	−48 21
571		−61 157	11995	2341	.				1 52 35	−61 22	289 30	−54 32
572		+77 73	12005	2425	.	1107			1 52 49	+77 26	126 45	+15 34
573		−52 242	12042	2365	411.				1 53 11	−52 16	280 48	−62 26
574		−47 597	12055	2369	410.	1085			1 53 12	−47 52	274 51	−66 0
575	48 CAS	+70 153	12111	2424	412.	1106	1598		1 53 44	+70 25	128 41	+ 8 49
576		−33 682	12135	2384	.		I		1 54 2	−33 33	239 18	−74 22
577		+20 322	12139	2398	.	1097	1582D		1 54 2	+20 34	143 33	−39 5
578		+11 261	12140	2395	.	1096			1 54 5	+11 49	147 49	−47 16
579		+73 108	12173	2438	.	1110	1606		1 54 19	+73 21	127 57	+11 40
580	50 CAS	+71 117	12216	2445	.	1114			1 54 53	+71 56	128 23	+10 18
581	47 CAS	+76 63	12230	2459	413.1	1126			1 55 6	+76 48	127 3	+15 0
582	112 PSC	+ 2 311	12235	2416	413.	1102		VAR?	1 54 57	+ 2 37	154 19	−55 32
583	57 CET	−21 356	12255	2411	.	1100			1 55 4	−21 19	194 37	−73 12
584		−66 123	12270	2390	.				1 55 10	−65 55	292 13	−50 17
585	59 υ CET	−21 358	12274	2419	414.	1104			1 55 18	−21 34	195 29	−73 15
586	52 CAS	+64 282	12279	2446	.	1115			1 55 25	+64 25	130 25	+ 3 4
587		− 9 380	12292	2426	.	1108		VAR?	1 55 29	− 9 0	167 23	−65 15
588		−42 684	12296	2418	415.	1103			1 55 32	−42 31	264 16	−69 36
589	53 CAS	+63 274	12301	2451	.	1118			1 55 36	+63 54	130 34	+ 2 34
590	4 PER	+53 439	12303	2442	.	1111			1 55 38	+54 0	133 11	− 6 59
591	α HYI	−62 162	12311	2405	415.1	1099			1 55 37	−62 3	289 28	−53 46
592	49 CAS	+75 86	12339	2475	416.	1131	1625		1 55 58	+75 38	127 26	+13 53
593	σ HYI	−78 42	12363	2377	.				1 56 1	−78 50	298 51	−38 16
594	π FOR	−30 703	12438	2443	418.	1112			1 56 47	−30 29	227 41	−74 26
595	113 α PSC	+ 2 317	12446	2452	420.	1120	1615B	VAR?	1 56 52	+ 2 17	155 20	−55 36
596	113 α PSC	+ 2 317	12447	2452	.	1119	1615A	VAR?	1 56 52	+ 2 17	155 20	−55 36
597		+80 64	12467	2517	.	1150			1 57 4	+80 49	126 0	+18 53
598		+64 285	12468	2480	.	1135			1 57 9	+64 37	130 33	+ 3 18
599	3 ε TRI	+32 369	12471	2458	421.	1125	1621		1 57 7	+32 48	139 42	−27 15
600		−66 125	12477	2433	.				1 57 4	−66 33	292 21	−49 38

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
551	1 54 53	+ 6 1	+40 41	+29	4.32 R	.	K2	+0.047	−0.064	.	+ 32	.	.		
552	1 54 58	+ 5 55	+37 7	+29	6.26 R	.	K0	+0.020	−0.008	.	− 2	.	.		
553	1 54 39	+ 5 32	+20 48	+29	2.65	+0.13	A5V	+0.098	−0.110	+.063	− 2V	.	.		R
554	1 53 23	+ 4 18	−38 35	+30	6.10 H	.	K0	+0.124	+0.031	.		.	.		
555	1 53 38	+ 4 0	−46 19	+29	4.41 H	+1.59	M4III	−0.095	−0.087	+.001	+ 1V	.	.		*
556	1 55 54	+ 5 55	+37 16	+29	5.98 R	.	gM0	+0.004	−0.001	.	+ 7	.0	189.4	4	
557	1 56 10	+ 5 57	+37 15	+29	5.67	+1.06	K0III	+0.181	+0.008	.	+ 59	5.4	18.8		D
558	1 54 22	+ 4 9	−42 30	+29	5.10	−0.05	A0	−0.041	−0.032	.	+ 12V	.	.		
559	1 55 51	+ 5 35	+23 34	+29	5.7 H	.	gG8	+0.008	−0.006	.	+ 14	.	.		
560	1 55 54	+ 5 10	+ 1 51	+30	6.02	+0.56	dG0	+0.157	+0.190	+.025	+ 30V	.0	1.5		D
561	1 58 34	+ 7 6	+61 41	+29	5.99 R	−0.03	B8	+0.016	−0.003	.		.	.		
562	1 57 56	+ 6 4	+41 41	+29	6.53 R	−0.06	B9	+0.011	−0.012	.		.	.		
563	1 57 21	+ 5 28	+17 49	+29	4.95 R	.	K1p	+0.034	−0.019	.	− 5V	.	.		R
564	1 57 44	+ 5 41	+27 47	+29	5.82 R	.	gM2	+0.027	−0.055	.	− 3	.	.		
565	1 56 40	+ 4 41	−22 32	+29	5.18 H	.	gK4	+0.061	−0.020	−.016	+ 27	.	.		
566	1 55 57	+ 3 53	−51 36	+30	3.70	+0.85	G5IV	+0.675	+0.294	+.052	− 6	7.3	6.2		D
567	1 59 38	+ 7 23	+64 37	+29	5.11 R	.	A0	+0.034	−0.014	.	+ 5	4.3	39.5		1
568	1 58 33	+ 6 21	+49 12	+29	5.67 R	.	gG7	+0.009	+0.039	.	− 0	.	.		
569	1 57 55	+ 5 34	+23 36	+29	4.78 R	.	F0IV	−0.091	−0.012	+.025	− 1	2.8	38.3	4	*
570	1 54 56	+ 2 32	−67 38	+30	4.68	+0.94	G8III	+0.071	+0.079	.	− 16	.	.		
571	1 55 47	+ 3 12	−60 53	+29	6.05	+0.38	F0	−0.001	+0.058	.		.	.		
572	2 2 57	+ 10 8	+77 55	+29	6.21 R	.	K0	+0.001	+0.004	.	− 3	.	.		
573	1 57 0	+ 3 49	−51 46	+30	6.10	+0.49	dF7	+0.349	+0.251	+.037		.	.		
574	1 57 10	+ 3 58	−47 23	+29	4.82	+0.87	gG5	+0.092	+0.018	+.015	+ 12	.	.		
575	2 1 57	+ 8 13	+70 54	+29	4.54 R	.	A4V	−0.064	+0.009	+.024	− 5V	2.5	1.0	4	*
576	1 58 27	+ 4 25	−33 4	+29	6.34	+1.02	G5	+0.018	−0.021	.		7.2	6.		7
577	1 59 35	+ 5 33	+21 3	+29	5.89 R	.	K0	+0.137	−0.021	.	− 2	2.5	188.1	4	
578	1 59 26	+ 5 21	+12 18	+29	5.96 R	+0.19	A6V	+0.003	−0.034	.	− 12	.	.		
579	2 3 10	+ 8 51	+73 50	+29	6.21 R	.	A3	−0.025	+0.000	.004D	− 5	2.3	5.6		2
580	2 3 26	+ 8 33	+72 25	+29	4.06 R	.	A1V	−0.042	+0.027	.	− 14V	.	.		5
581	2 5 8	+ 10 2	+77 17	+29	5.28 R	.	A2n	+0.125	−0.052	+.027	− 26V?	.	.		
582	2 0 9	+ 5 12	+ 3 6	+29	5.89	+0.62	dG1	+0.231	−0.245	+.035	− 17	.	.		
583	1 59 46	+ 4 42	−20 50	+29	5.41	+1.63	gM1	+0.007	+0.024	.	− 15	.	.		
584	1 57 53	+ 2 43	−65 26	+29	6.36	+0.90	G5	−0.012	−0.011	.		.	.		
585	2 0 1	+ 4 43	−21 5	+29	3.99	+1.58	M1III	+0.127	−0.018	+.003	+ 18	.	.		
586	2 2 52	+ 7 27	+64 54	+29	5.87 R	.	A2	+0.000	−0.009	.	− 25V?	.	.		6
587	2 0 27	+ 4 58	− 8 31	+29	5.72 H	+1.52	gM5	+0.093	−0.005	.	+ 6	.	.		
588	1 59 39	+ 4 7	−42 2	+29	5.42 H	.	gK1	−0.062	−0.100	+.011	+ 27	.	.		
589	2 3 1	+ 7 25	+64 23	+29	5.58	+0.38	B8Ib	+0.006	+0.001	.	− 20	.	.		
590	2 2 18	+ 6 40	+54 29	+29	4.98 R	−0.09	B8V	+0.037	+0.001	.	− 2V	.	.		
591	1 58 46	+ 3 9	−61 34	+29	2.86	+0.29	F0V	+0.263	+0.034	+.041	+ 1V?	.	.		
592	2 5 32	+ 9 34	+76 7	+29	5.17 R	.	G8III	−0.017	−0.015	+.020	+ 0V?	7.0	5.5	3	D
593	1 55 51	− 0 10	−78 21	+29	6.15	+0.44	F2	+0.100	+0.054	.	+ 6	.	.		
594	2 1 15	+ 4 28	−30 0	+29	5.34	+0.88	G5III	−0.109	−0.106	+.010	+ 24	.	.		
595	2 2 2	+ 5 10	+ 2 46	+29	5.23 H	.	A m	+0.033	+0.001	+.000	+ 9V	1.0	3.6		D
596	2 2 2	+ 5 10	+ 2 46	+29	4.33 H	.	A p	+0.033	+0.001	.	+ 9V	1.0	3.6		D
597	2 9 25	+ 12 21	+81 18	+29	5.96 R	.	A0	−0.033	+0.008	.	− 13	.	.		
598	2 4 40	+ 7 31	+65 6	+29	6.40 R	.	A0	+0.053	−0.026	.	− 4	.	.		
599	2 2 58	+ 5 51	+33 17	+29	5.50	+0.03	A2III	−0.016	−0.012	+.008	+ 3V?	6.0	4.3		G
600	1 59 41	+ 2 37	−66 4	+29	6.09	+1.17	K2III	+0.019	+0.014	.	+ 5	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
601		+12 271	12479	2456	.	1124			1 57 12	+13 0	148 11	−45 53
602	χ PHE	−45 659	12524	2455	423.	1123			1 57 42	−45 12	268 54	−67 29
603	57 γ^1 AND	+41 395	12533	2477	424.	1133	1630A		1 57 45	+41 51	136 57	−18 34
604	57 γ^2 AND	+41 395	12534	2479	.	1134	1630BC		1 57 46	+41 51	136 58	−18 34
605	10 ARI	+25 341	12558	2476	425.	1132	1631		1 57 59	+25 27	142 36	−34 10
606		−30 714	12563	2463	.	1129			1 58 0	−30 9	226 22	−74 12
607	60 CET	− 0 307	12573	2474	.				1 58 4	− 0 21	158 10	−57 45
608		−16 356	12583	2471	.	1130			1 58 10	−15 48	181 10	−69 37
609		+17 307	12594	2483	.	1136			1 58 13	+17 46	146 2	−41 22
610	61 CET	− 1 285	12641	2488	.	1138	1634		1 58 41	− 0 49	158 52	−58 5
611		− 4 324	12642	2485	.	1137			1 58 38	− 4 35	162 54	−61 15
612	ν FOR	−29 706	12767	2506	.	1146		VAR?	2 0 1	−29 47	224 56	−73 47
613	12 κ ARI	+21 279	12869	2527	.	1155			2 0 58	+22 10	144 46	−37 2
614		+ 7 324	12872	2524	.	1154			2 0 55	+ 7 46	152 40	−50 16
615	11 ARI	+25 349	12885	2534	.	1158	1658		2 1 9	+25 13	143 31	−34 9
616		− 0 318	12923	2531	.				2 1 22	− 0 27	159 35	−57 25
617	13 α ARI	+22 306	12929	2538	436.	1160		VAR?	2 1 32	+22 59	144 34	−36 13
618		+57 494	12953	2549	.	1163			2 1 41	+57 57	132 55	− 2 57
619		+43 431	13013	2551	.	1165			2 2 18	+43 59	137 8	−16 17
620	58 AND	+37 486	13041	2552	437.1	1167			2 2 27	+37 23	139 18	−22 34
621		+53 460	13137	2580	.	1175			2 3 25	+53 22	134 29	− 7 16
622	4 β TRI	+34 381	13161	2572	439.	1171			2 3 35	+34 31	140 32	−25 12
623	14 ARI	+25 355	13174	2573	.	1172			2 3 44	+25 28	144 4	−33 43
624		+16 247	13201	2575	.	1174			2 3 53	+16 46	148 12	−41 47
625		−18 374	13215	2569	.				2 4 1	−18 15	189 17	−69 53
626		+73 121	13222	2618	.	1191			2 4 8	+73 33	128 35	+12 3
627	5 PER	+56 438	13267	2604	.	1182	1685		2 4 31	+57 10	133 30	− 3 35
628	59 AND	+38 425	13294	2600	.	1179	1683A		2 4 49	+38 34	139 23	−21 17
629	59 AND	+38 425	13295	2602	.	1181	1683B		2 4 50	+38 34	139 23	−21 17
630		−24 921	13305	2589	.				2 5 0	−24 49	208 19	−72 13
631	15 ARI	+18 277	13325	2601	.	1180			2 5 5	+19 2	147 23	−39 35
632		−44 632	13336	2587	.				2 5 10	−43 59	264 14	−67 19
633	16 ARI	+25 362	13363	2609	.	1187			2 5 31	+25 28	144 31	−33 34
634	5 TRI	+30 347	13372	2613	.	1189		VAR?	2 5 34	+31 3	142 16	−28 20
635	64 CET	+ 7 347	13421	2619	444.	1192			2 6 4	+ 8 6	154 12	−49 24
636		−44 638	13423	2605	.				2 6 6	−44 17	264 33	−65 0
637		−51 532	13445	2610	445.	1188			2 6 19	−51 19	276 5	−61 59
638		−10 447	13456	2623	.	1194			2 6 28	−10 31	174 32	−64 35
639	63 CET	− 2 375	13468	2624	.	1196			2 6 31	− 2 18	163 31	−58 15
640	55 CAS	+65 239	13474	2661	.	1216		VAR?	2 6 38	+66 3	131 5	+ 4 58
641		+57 519	13476	2648	.	1208			2 6 38	+58 6	133 30	− 2 37
642	6 TRI	+29 371	13480	2633	447.	1199	1697		2 6 34	+29 50	142 58	−29 24
643	60 AND	+43 447	13520	2645	.	1207		VAR?	2 6 57	+43 46	138 2	−16 14
644		+23 297	13522	2638	.	1202			2 6 58	+23 43	145 40	−35 5
645		+50 481	13530	2653	449.	1212			2 6 57	+50 36	135 51	− 9 44
646	17 η ARI	+20 348	13555	2643	.	1205			2 7 12	+20 44	147 8	−37 49
647		+46 536	13594	2668	453.	1222	1709		2 7 38	+47 1	137 6	−13 7
648	19 ARI	+14 357	13596	2655	.	1214		VAR?	2 7 36	+14 49	150 23	−43 12
649	65 ξ^1 CET	+ 8 345	13611	2656	455.	1215			2 7 42	+ 8 23	154 32	−48 57
650	66 CET	− 3 336	13612	2652	456.	1210	1703		2 7 41	− 2 52	164 36	−58 32

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
601	2 2 35	+ 5 23	+13 29	+29	6.11 R	.	gM2	+0.015	−0.008	.	− 7	.	.		
602	2 1 42	+ 4 0	−44 43	+29	5.14	+1.48	gK5	−0.034	−0.045	−.024	− 31	.	.		
603	2 3 53	+ 6 8	+42 20	+29	2.28 H	.	K3II	+0.046	−0.050	+.005	− 12	2.0	10.5	3	D
604	2 3 54	+ 6 8	+42 20	+29	5.08 H	.	A0p	+0.037	−0.053	.	− 14	.4	.7		D
605	2 3 40	+ 5 41	+25 56	+29	5.54 R	.	dF4	+0.132	+0.025	+.024	+ 16V	2.2	2.0	3	D
606	2 2 29	+ 4 29	−29 40	+29	6.44 H	.	A3m	−0.039	+0.030	.	+ 12	.	.		
607	2 3 12	+ 5 8	+ 0 8	+29	5.56 H	.	A3m	+0.076	+0.022	.	+ 13	.	.		
608	2 2 59	+ 4 49	−15 19	+29	5.91 H	.	gG5	+0.020	+0.007	.	+ 6	.	.		
609	2 3 42	+ 5 29	+18 15	+29	6.27 R	.	gK4	−0.009	−0.018	.	+ 10	.	.		
610	2 3 48	+ 5 7	− 0 20	+29	6.01 H	.	G5II-III	+0.078	−0.040	.	+ 24	4.5	42.9	3	D
611	2 3 40	+ 5 2	− 4 6	+29	5.62	+1.60	cK5	+0.019	−0.058	.	+ 25	.	.		
612	2 4 30	+ 4 29	−29 18	+29	4.68	−0.17	A0si	+0.007	+0.008	.	+ 19	.	.		
613	2 6 34	+ 5 36	+22 39	+29	5.03 R	+0.11	A m	+0.017	−0.034	.	+ 12V	.	.		R
614	2 6 12	+ 5 17	+ 8 15	+29	6.49 R	.	M4	−0.007	−0.032	.	− 26	.	.		
615	2 6 49	+ 5 40	+25 42	+29	5.99 R	−0.02	B8V	+0.016	−0.008	.	− 9	5.5	1.7		
616	2 6 29	+ 5 7	+ 0 2	+29	6.33 H	.	K0	+0.063	−0.004	.		.	.		
617	2 7 10	+ 5 38	+23 27	+28	2.00	+1.15	K2III	+0.192	−0.146	+.043	− 14	.	.		
618	2 8 40	+ 6 59	+58 26	+29	5.68	+0.62	A1Ia	−0.010	+0.007	.	− 36	.	.		G
619	2 8 33	+ 6 15	+44 27	+28	6.40 R	.	G8III	+0.016	−0.049	.	+ 24	.	.		
620	2 8 29	+ 6 2	+37 51	+28	4.75 R	+0.11	A5V	+0.158	−0.038	+.003	+ 8V	.	.		5
621	2 10 8	+ 6 43	+53 50	+28	6.26 R	.	gG8	+0.030	−0.047	.	+ 10	.	.		
622	2 9 32	+ 5 57	+34 59	+28	3.00	+0.13	A5III	+0.150	−0.042	+.012	+ 10V	.	.		R
623	2 9 26	+ 5 42	+25 56	+28	5.01 R	.	F2III	+0.074	−0.035	.	+ 1	.	.		
624	2 9 23	+ 5 30	+17 14	+28	6.36 R	.	F3	+0.140	−0.180	.	+ 11	.	.		
625	2 8 46	+ 4 45	−17 47	+28	6.26 H	.	M1	−0.004	−0.027	.		.	.		
626	2 13 21	+ 9 13	+74 1	+28	6.08 R	.	gG6	+0.054	−0.030	.	− 37	.	.		
627	2 11 29	+ 6 58	+57 38	+28	6.39	+0.33	B5Ia	−0.012	+0.069	.	− 34	6.0	5.7		G
628	2 10 53	+ 6 4	+39 2	+28	6.05 H	−0.02	B9.5V	−0.015	−0.016	.010D	+ 1	.5	16.8		D
629	2 10 54	+ 6 4	+39 2	+28	6.71 H	.	A2	−0.009	−0.024	.010D	+ 15	.5	16.8		D
630	2 9 35	+ 4 35	−24 21	+28	6.51 H	.	dF2	−0.038	−0.025	.		.	.		
631	2 10 38	+ 5 33	+19 30	+28	5.76 R	.	gM3	+0.085	−0.025	.	+ 61	.	.		
632	2 9 9	+ 3 59	−43 31	+28	5.78 H	.	gK2	−0.056	−0.052	.		.	.		
633	2 11 12	+ 5 41	+25 56	+28	6.03 R	.	gK4	−0.008	−0.006	.	− 19	.	.		
634	2 11 25	+ 5 51	+31 31	+28	6.15 R	+0.10	A m	+0.038	−0.009	.	+ 11V	.	.		R
635	2 11 21	+ 5 17	+ 8 34	+28	5.64 R	.	dF8	−0.141	−0.109	+.034	− 18	.	.		
636	2 10 5	+ 3 59	−43 49	+28	6.31	+0.90	d?G8	+0.051	−0.008	.		.	.		
637	2 10 21	+ 4 2	−50 50	+29	6.11	+0.82	K0V	+2.108	+0.651	+.083	+ 50	.	.		
638	2 11 22	+ 4 54	−10 3	+28	6.09 H	.	dF2	−0.025	−0.169	.	+ 11	.	.		
639	2 11 22	+ 4 51	− 1 50	+28	6.04 H	.	gG9	−0.007	−0.029	.	+ 32	.	.		
640	2 13 56	+ 7 18	+66 31	+28	6.08 R	.	dF2+A2	−0.006	+0.001	.	− 12	.	.		
641	2 13 42	+ 7 4	+58 34	+28	6.46	+0.59	A3Iab	−0.011	+0.024	.	− 41	.	.		G
642	2 12 22	+ 5 48	+30 18	+28	5.05 R	.	G5III	−0.064	−0.061	+.002	− 18V	1.4	4.0		*
643	2 13 13	+ 6 16	+44 14	+28	4.94 R	.	K4III	−0.023	−0.010	.	− 46V	.	.		
644	2 12 37	+ 5 39	+24 11	+28	6.06 R	.	K0	+0.040	−0.005	.	− 1	.	.		
645	2 13 36	+ 6 39	+51 4	+28	5.32	+0.93	K0III	+0.346	−0.167	+.006	+ 27V	.	.		*
646	2 12 48	+ 5 36	+21 12	+28	5.23 R	.	F5V	+0.160	+0.004	.	+ 6	.	.		
647	2 14 3	+ 6 25	+47 29	+28	6.06	+0.40	F5V	−0.065	−0.058	+.031	− 8	.9	1.1		*
648	2 13 3	+ 5 27	+15 17	+28	5.74	+1.54	M0III	+0.099	−0.022	.	+ 23V?	.	.		6
649	2 13 0	+ 5 18	+ 8 51	+28	4.44 R	.	G8II	−0.024	−0.003	+.015	− 4V	.	.		
650	2 12 47	+ 5 6	− 2 24	+28	5.52	+0.58	dF9	+0.369	−0.063	+.043	− 3	1.8	16.3	3	D

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
651		−21 396	13692	2662	.	1219			2 8 21	−21 28	199 6	−70 26
652	μ FOR	−31 882	13709	2663	458.	1220			2 8 30	−31 12	229 14	−71 51
653		+47 590	13818	2704	.	1241			2 9 30	+47 21	137 18	−12 42
654		+56 471	13854	2721	.	1253			2 9 52	+56 35	134 23	− 3 55
655	7 TRI	+32 409	13869	2710	.	1245			2 10 1	+32 54	142 32	−26 17
656	20 ARI	+25 373	13871	2707	.	1244			2 10 2	+25 19	145 44	−33 20
657	21 ARI	+24 329	13872	2706	.	1242			2 10 2	+24 35	146 4	−34 1
658		−10 460	13936	2712	.				2 10 33	− 9 56	175 12	−63 27
659		−41 621	13940	2697	.				2 10 29	−41 38	257 44	−67 55
660	8 δ TRI	+33 395	13974	2733	464.	1259	1739		2 10 57	+33 46	142 24	−25 24
661	8 PER	+57 535	13982	2746	.	1268			2 10 55	+57 26	134 15	− 3 4
662	7 PER	+56 486	13994	2752	.	1272	1753		2 11 2	+57 3	134 23	− 3 26
663					.							
664	9 γ TRI	+33 397	14055	2742	468.	1264			2 11 22	+33 23	142 39	−25 43
665		+23 307	14067	2743	.	1265			2 11 32	+23 19	147 2	−35 3
666	67 CET	− 7 393	14129	2748	.	1269			2 12 0	− 6 53	171 16	−59 0
667	π^1 HYI	−68 126	14141	2715	471.	1248			2 12 9	−68 18	291 34	−47 25
668		+63 320	14171	2789	.	1295			2 12 32	+63 52	132 22	+ 3 5
669	22 θ ARI	+19 340	14191	2767	.	1280			2 12 34	+19 26	149 16	−38 31
670	62 AND	+46 552	14212	2779	472.	1289			2 12 49	+46 55	137 59	−12 55
671		+45 589	14213	2777	.	1288			2 12 46	+46 1	138 17	−13 46
672		+ 1 410	14214	2770	473.	1281			2 12 50	+ 1 17	162 12	−54 24
673		+48 648	14221	2785	.	1291			2 12 51	+48 29	137 27	−11 26
674	ϕ ERI	−52 285	14228	2756	.	1274	I		2 12 56	−51 59	275 23	−60 49
675	10 TRI	+27 360	14252	2781	.	1290	1770		2 13 9	+28 11	145 13	−30 25
676		+22 329	14262	2786	.	1292			2 13 19	+22 43	147 47	−35 26
677		+39 521	14272	2793	.				2 13 28	+39 23	140 47	−19 58
678	π^2 HYI	−68 128	14287	2745	.	1267			2 13 23	−68 13	291 22	−47 26
679		+46 557	14372	2805	.	1310			2 14 13	+46 51	138 14	−12 54
680		+29 392	14373	2798	.	1307			2 14 13	+29 44	144 47	−28 54
681	68 o CET	− 3 353	14386	2796	477.	1301	1778	o CET	2 14 18	− 3 26	167 45	−57 59
682	63 AND	+49 640	14392	2813	.	1313			2 14 21	+49 42	137 17	−10 13
683		−26 828	14412	2794	479.	1300			2 14 30	−26 25	214 30	−70 25
684		− 5 438	14417	2799	.				2 14 39	− 4 48	169 32	−58 59
685	9 PER	+55 598	14489	2836	.	1324	1802		2 15 23	+55 23	135 30	− 4 48
686		−42 785	14509	2804	.				2 15 25	−42 19	257 57	−66 46
687		+40 500	14622	2851	.	1340			2 16 37	+40 57	140 48	−18 17
688		−56 413	14641	2821	.	1317	I		2 16 40	−56 24	280 7	−57 5
689	69 CET	− 0 355	14652	2846	.	1334			2 16 49	− 0 4	164 57	−54 56
690		+54 535	14662	2863	.	1349	1820		2 16 54	+54 55	135 52	− 5 10
691	70 CET	− 1 322	14690	2850	.	1339			2 17 7	− 1 20	166 23	−55 54
692		−11 448	14691	2849	.	1337			2 17 8	−11 14	179 47	−63 9
693		−18 409	14728	2853	.				2 17 22	−18 7	193 18	−67 4
694	64 AND	+49 649	14770	2877	487.	1354			2 17 46	+49 33	137 52	−10 10
695	κ FOR	−24 1038	14802	2862	488.	1346			2 17 58	−24 16	208 51	−69 13
696	10 PER	+55 612	14818	2885	.	1357			2 18 12	+56 9	135 37	− 3 57
697		−19 444	14830	2868	.				2 18 15	−18 48	195 6	−67 12
698		−43 724	14832	2861	.				2 18 17	−43 39	260 2	−65 36
699	65 AND	+49 656	14872	2902	490.	1364			2 18 57	+49 50	137 56	− 9 50
700		−38 797	14890	2875	.				2 18 59	−38 2	247 11	−68 5

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
651	2 13 1	+ 4 40	−21 0	+28	6.02 H	.	gG6	+0.049	+0.039	.	+ 38	.	.		
652	2 12 54	+ 4 24	−30 44	+28	5.27	−0.02	A1V	+0.018	+0.009	+.058	+ 17V	.	.		
653	2 15 58	+ 6 28	+47 49	+28	6.31 R	.	G9III-IV	+0.060	−0.069	.	+ 16	.	.		
654	2 16 52	+ 7 0	+57 3	+28	6.49	+0.28	B1Iab	+0.002	+0.001	.	− 40	.	.		G
655	2 15 56	+ 5 55	+33 22	+28	5.24 R	−0.01	B9.5V	−0.018	−0.037	.	− 1	.	.		
656	2 15 46	+ 5 44	+25 47	+28	5.79	+0.44	dF3	+0.174	−0.060	.	+ 26	.	.		G
657	2 15 43	+ 5 41	+25 3	+28	5.57 R	.	dF4	−0.092	−0.080	.	− 44	.	.		
658	2 15 28	+ 4 55	− 9 28	+28	6.56	−0.02	A0	−0.006	+0.036	.		.	.		
659	2 14 32	+ 4 3	−41 10	+28	5.91	+0.97	G9III	−0.028	−0.030	.	+ 14V?	.	.		
660	2 17 3	+ 6 6	+34 13	+27	4.87	+0.61	G0V	+1.155	−0.240	+.090	− 6V	8.5	65.4		*
661	2 18 0	+ 7 5	+57 54	+28	5.75	+1.17	gK3	+0.061	+0.012	.	+ 3	.	.		
662	2 18 4	+ 7 2	+57 31	+28	6.00	+1.05	gG6	−0.019	+0.009	.	− 11	2.6	124.5	4	
663					.	.		.	.	.		.	.		
664	2 17 19	+ 5 57	+33 51	+28	4.08 R	+0.02	A0V	+0.046	−0.048	+.036	+ 14V?	.	.		
665	2 17 11	+ 5 39	+23 47	+28	6.39 R	.	G9III	−0.047	−0.033	.	− 13	.	.		
666	2 16 59	+ 4 59	− 6 25	+28	5.52	+0.96	G8III	+0.092	−0.104	.	+ 7	.	.		
667	2 14 15	+ 2 6	−67 50	+28	5.54	+1.55	gM0	+0.036	+0.039	+.007	+ 26	.	.		
668	2 20 13	+ 7 41	+64 20	+28	6.47 R	.	A0	−0.018	+0.023	.	− 26	.	.		
669	2 18 8	+ 5 34	+19 54	+28	5.57 R	+0.01	A1V	−0.013	+0.000	.	+ 6	.	.		6
670	2 19 16	+ 6 27	+47 23	+28	5.02 R	.	A1	−0.059	−0.006	+.012	− 30V	.	.		
671	2 19 11	+ 6 25	+46 29	+28	6.05 R	.	A3	−0.017	−0.008	.	− 15	.	.		
672	2 18 2	+ 5 12	+ 1 45	+28	5.58	+0.60	F9V	+0.372	+0.381	+.036	+ 27V	.	.		R
673	2 19 23	+ 6 32	+48 57	+28	6.35 R	.	F0	−0.095	+0.069	.	− 19	.	.		
674	2 16 30	+ 3 34	−51 31	+28	3.55	−0.12	B8V	+0.085	−0.024	.	+ 10	4.6	86.3		
675	2 18 57	+ 5 48	+28 39	+28	5.23 R	+0.04	A2V	+0.011	−0.004	.	+ 3	6.0	57.4		
676	2 18 58	+ 5 39	+23 11	+28	6.30 R	.	A7n	−0.001	−0.004	.	− 13	.	.		6
677	2 19 38	+ 6 10	+39 51	+28	6.49 R	−0.09	B8IV	+0.032	−0.008	.		.	.		
678	2 15 28	+ 2 5	−67 45	+28	5.68	+1.30	gK3	+0.034	−0.014	.	+ 17	.	.		
679	2 20 41	+ 6 28	+47 19	+28	6.08 R	.	B5V	+0.005	−0.006	.	+ 2	.	.		
680	2 20 4	+ 5 51	+30 12	+28	6.44 R	.	K0	+0.016	−0.021	.	− 1	.	.		
681	2 19 21	+ 5 3	− 2 59	+27	2.0 H	.	gM6e	−0.009	−0.232	+.013	+ 64V	7.3	118.7	4	*
682	2 20 58	+ 6 37	+50 10	+28	5.58 R	−0.14	A si	+0.033	−0.026	.	− 2	.	.		
683	2 18 59	+ 4 29	−25 57	+28	6.33	+0.73	G5V	−0.220	+0.450	+.093	+ 5	.	.		
684	2 19 41	+ 5 2	− 4 20	+28	6.49	+0.08	A2	+0.039	+0.011	.		.	.		
685	2 22 22	+ 6 59	+55 50	+27	5.17	+0.37	A2Ia	+0.000	+0.003	.	− 15	6.8	11.7		*
686	2 19 24	+ 3 59	−41 51	+28	6.34 H	.	gK1	+0.000	+0.026	.		.	.		
687	2 22 50	+ 6 13	+41 24	+27	5.78 R	.	dF2	−0.088	−0.102	.	− 35	.	.		
688	2 19 54	+ 3 14	−55 56	+28	5.56 H	.	K5	+0.019	+0.025	.	+ 49	3.9	34.2		
689	2 21 56	+ 5 7	+ 0 23	+27	5.28	+1.65	gM2	−0.014	−0.002	.	+ 23	.	.		
690	2 23 52	+ 6 58	+55 22	+27	5.40 R	.	F7Ib	+0.008	−0.022	.	− 26	8.1	8.3		
691	2 22 13	+ 5 6	− 0 53	+27	5.62 H	.	A5	−0.024	−0.049	.	+ 20	.	.		6
692	2 22 1	+ 4 53	−10 47	+27	5.57 H	.	A8n	+0.137	−0.080	.	+ 12	.	.		
693	2 22 5	+ 4 43	−17 40	+27	5.99 H	.	K0	+0.014	−0.055	.	− 3	.	.		
694	2 24 25	+ 6 39	+50 0	+27	5.33 R	.	G8III	+0.023	−0.038	−.001	− 13	.	.		
695	2 22 33	+ 4 35	−23 49	+27	5.19	+0.60	G1V	+0.200	−0.057	+.070	+ 18	.	.		
696	2 25 16	+ 7 4	+56 36	+27	6.25	+0.31	B2Ia	−0.002	+0.011	.	− 46	.	.		G
697	2 22 58	+ 4 43	−18 21	+27	6.43 H	.	G5	+0.148	−0.104	.		.	.		
698	2 22 12	+ 3 55	−43 12	+27	6.30	+0.99	G5	+0.077	+0.049	.		.	.		
699	2 25 37	+ 6 40	+50 17	+27	4.72 R	.	K4III	+0.023	−0.013	+.009	− 5	.	.		
700	2 23 6	+ 4 7	−37 35	+27	6.52	+1.61	K2	−0.023	−0.035	.		.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
701		−51 571	14943	2878	.				2 19 23	−51 33	273 18	−60 26
702	24 ξ ARI	+ 9 316	14951	2901	.	1362			2 19 27	+10 9	157 1	−46 0
703		−26 857	14988	2900	.				2 19 50	−26 18	214 42	−69 13
704	71 CET	− 3 374	15004	2910	.				2 19 55	− 3 14	169 32	−56 57
705	δ HYI	−69 113	15008	2872	492.	1351			2 19 58	−69 7	291 15	−46 22
706		−41 681	15064	2912	.				2 20 32	−41 18	254 32	−66 27
707	ι CAS	+66 213	15089	2952	493.	1388	1860	ι CAS	2 20 49	+66 57	132 7	+ 6 17
708	72 ρ CET	−12 451	15130	2932	494.	1373			2 21 7	−12 44	183 44	−63 21
709	66 AND	+49 666	15138	2944	.	1384			2 21 9	+50 7	138 10	− 9 26
710		−15 426	15144	2933	495.	1376	1849		2 21 15	−15 47	189 31	−65 5
711		+26 409	15152	2940	.	1380			2 21 20	+26 33	147 54	−31 12
712	11 TRI	+31 427	15176	2943	.	1383			2 21 32	+31 21	145 43	−26 48
713		−20 455	15220	2941	.	1381			2 21 56	−20 30	200 2	−67 8
714	λ HOR	−60 199	15233	2931	499.	1372			2 22 6	−60 46	283 48	−53 12
715	κ HYI	−74 194	15248	2913	.				2 22 16	−74 6	294 29	−41 56
716		+54 557	15253	2965	.	1398	1878		2 22 22	+55 5	136 33	− 4 44
717	12 TRI	+29 417	15257	2956	.	1394			2 22 18	+29 13	146 52	−28 41
718	73 ξ^2 CET	+ 7 388	15318	2960	501.	1396			2 22 50	+ 8 1	159 41	−47 24
719		+ 1 431	15328	2959	.	1395	R 389		2 22 50	+ 1 31	165 24	−52 46
720	13 TRI	+29 423	15335	2964	.	1397			2 22 56	+29 29	146 53	−28 23
721	κ ERI	−48 637	15371	2954	.	1393			2 23 19	−48 9	267 8	−62 15
722		−67 154	15379	2942	.				2 23 22	−66 57	289 11	−48 2
723		+22 354	15385	2974	.	1402			2 23 31	+23 2	150 13	−34 10
724	φ FOR	−34 905	15427	2967	503.	1399			2 23 48	−34 16	236 43	−68 12
725		+ 8 385	15453	2983	.	1405	1896		2 24 15	+ 9 7	159 15	−46 17
726		+33 445	15464	2991	.	1407			2 24 15	+33 23	145 24	−24 42
727		−31 990	15471	2976	.				2 24 17	−31 33	229 23	−68 28
728		+24 358	15524	3001	.	1409	1904		2 24 47	+24 48	149 37	−32 27
729	26 ARI	+19 365	15550	3003	.	1411			2 25 2	+19 25	152 37	−37 14
730		−23 942	15588	3000	.		1906		2 25 21	−23 8	207 7	−67 17
731	27 ARI	+17 380	15596	3009	.	1415			2 25 21	+17 16	154 0	−39 6
732		− 0 378	15633	3012	.				2 25 38	− 0 11	168 4	−53 41
733		−25 979	15634	3006	.	1412			2 25 44	−25 38	213 32	−67 48
734		−64 174	15646	2982	.				2 25 44	−64 45	287 1	−49 44
735		−23 947	15652	3015	.	1418			2 25 59	−22 59	206 51	−67 6
736	14 TRI	+35 497	15656	3032	.	1427			2 26 0	+35 42	144 44	−22 26
737		+ 1 438	15694	3029	508.	1425			2 26 20	+ 1 49	166 15	−50 0
738		+33 454	15755	3048	.	1434			2 26 50	+34 6	145 37	−23 50
739	75 CET	− 1 353	15779	3043	.	1432			2 27 4	− 1 29	169 57	−54 27
740	76 σ CET	−15 449	15798	3045	512.	1433			2 27 21	−15 41	191 7	−63 47
741	29 ARI	+14 419	15814	3055	.	1438			2 27 25	+14 36	156 16	−41 11
742		−36 957	15889	3056	.				2 28 8	−36 52	242 47	−66 44
743		+72 140	15920	3116	515.	1462			2 28 31	+72 23	130 42	+11 34
744	λ^1 FOR	−35 877	15975	3067	.				2 28 57	−35 5	238 16	−67 0
745		−20 480	15996	3074	.				2 29 3	−20 26	201 28	−65 34
746		+39 573	16004	3093	.		1961		2 29 13	+39 14	143 50	−18 57
747		+65 280	16024	3125	.	1467			2 29 26	+65 19	133 33	+ 5 5
748		+36 519	16028	3100	.	1454	1964		2 29 29	+36 52	144 55	−21 5
749	ω FOR	−28 819	16046	3083	.	1446	1954A		2 29 28	−28 40	221 42	−67 21
750	15 TRI	+34 469	16058	3103	518.	1457		VAR?	2 29 43	+34 15	146 8	−23 27

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
701	2 22 54	+ 3 31	−51 6	+27	5.91	+0.22	A4m	+0.011	+0.063	.		.	.		
702	2 24 49	+ 5 22	+10 36	+27	5.49 R	−0.11	B6	+0.019	−0.010	.	+ 4V	.	.		
703	2 24 20	+ 4 30	−25 51	+27	6.58 H	.	K0	+0.026	+0.030	.		.	.		
704	2 24 58	+ 5 3	− 2 47	+27	6.30 H	.	A0	−0.003	−0.002	.		.	.		
705	2 21 45	+ 1 47	−68 40	+27	4.08	+0.04	A2V	−0.048	+0.008	+.042	+ 11V?	.	.		
706	2 24 33	+ 4 1	−40 51	+27	6.20 H	.	G0	+0.212	+0.114	.		.	.		
707	2 29 4	+ 8 15	+67 24	+27	4.51VR	.	A p	−0.013	+0.016	+.021	+ 1V	2.9	2.6	4	D
708	2 25 57	+ 4 50	−12 17	+27	4.88	−0.03	B9V	−0.016	−0.004	+.022	+ 10V?	.	.		
709	2 27 52	+ 6 43	+50 34	+27	6.14 R	.	dF1	+0.035	−0.092	.	− 4	.	.		6
710	2 26 0	+ 4 45	−15 20	+27	5.84	+0.14	A p	−0.060	−0.043	+.009	− 8V	3.0	12.9	3	*
711	2 27 7	+ 5 47	+27 0	+27	6.03 R	.	K5	−0.056	−0.062	.	− 48	.	.		
712	2 27 28	+ 5 56	+31 48	+27	5.72 R	.	gK1	−0.027	−0.027	.	− 39	.	.		
713	2 26 35	+ 4 39	−20 3	+27	5.87	+1.26	gK2	+0.076	+0.104	.	+ 42	.	.		
714	2 24 54	+ 2 48	−60 19	+27	5.34	+0.40	F2IIIp	−0.072	−0.137	+.017	+ 27V	.	.		
715	2 22 52	+ 0 36	−73 39	+27	5.00	+1.09	K0III	−0.085	+0.004	.	+ 22	.	.		
716	2 29 24	+ 7 2	+55 32	+27	6.52 R	.	A2	+0.034	−0.008	.	+ 2	1.3	2.9		
717	2 28 10	+ 5 52	+29 40	+27	5.28 R	.	sgA7	−0.017	−0.084	.	− 25	.	.		
718	2 28 9	+ 5 19	+ 8 28	+27	4.28	−0.06	B9III	+0.040	−0.004	+.022	+ 11V	.	.		
719	2 28 0	+ 5 10	+ 1 58	+27	6.36 R	.	K0III	−0.003	−0.007	.	+ 18	.3	.5		2
720	2 28 48	+ 5 52	+29 56	+27	5.79 R	.	dG0	−0.069	+0.076	.	+ 40	.	.		
721	2 26 59	+ 3 40	−47 42	+27	4.24	−0.15	B5III	+0.017	−0.007	.	+ 29V	.	.		
722	2 25 26	+ 2 4	−66 30	+27	6.40 H	+1.54	M4	−0.031	−0.017	.		.	.		
723	2 29 13	+ 5 42	+23 29	+27	6.02 R	.	A5	+0.080	−0.027	.	+ 21	.	.		
724	2 28 2	+ 4 14	−33 49	+27	5.13	+0.09	A2IV	+0.011	+0.010	+.009	+ 16V	.	.		
725	2 29 35	+ 5 20	+ 9 34	+27	6.09 R	.	K2III	−0.015	+0.015	.	− 11	4.5	1.6		2
726	2 30 16	+ 6 1	+33 50	+27	6.12 R	.	K1III	+0.070	−0.057	.	+ 7	.	.		
727	2 28 36	+ 4 19	−31 6	+27	6.14 H	.	G5	−0.040	−0.016	.	− 2	.	.		
728	2 30 32	+ 5 45	+25 15	+27	5.75 R	.	dF4	+0.063	−0.078	.022D	− 11	4.5	12.9	3	D
729	2 30 39	+ 5 37	+19 52	+27	6.08 R	.	A4n	+0.080	−0.036	.	+ 19	.	.		
730	2 29 55	+ 4 34	−22 41	+27	6.76	+0.19	A5m	+0.075	+0.010	.	+ 13	3.8	28.7		7
731	2 30 54	+ 5 33	+17 43	+27	6.23	+0.90	K0III	+0.029	−0.085	.	−116	.	.		
732	2 30 45	+ 5 7	+ 0 16	+27	6.01	+0.17	A3m	−0.054	−0.066	.		.	.		
733	2 30 14	+ 4 30	−25 11	+27	6.50	+0.30	dA9	+0.086	+0.034	.	+ 25	.	.		G
734	2 28 4	+ 2 20	−64 18	+27	6.36	−0.04	B9	+0.011	+0.004	.	+ 10	.	.		
735	2 30 33	+ 4 34	−22 32	+27	6.10	+1.59	gM1	+0.006	−0.030	.	− 19	.	.		
736	2 32 6	+ 6 6	+36 9	+27	5.23 R	.	K5III	+0.046	+0.016	.	− 36	.	.		
737	2 31 30	+ 5 10	+ 2 16	+27	5.27 R	.	K3III	+0.022	−0.003	+.034	+ 26	.	.		
738	2 32 52	+ 6 2	+34 32	+26	5.79 R	.	gK1	−0.067	−0.012	.	− 2	.	.		
739	2 32 9	+ 5 5	− 1 3	+26	5.53 H	.	gG3	−0.027	−0.032	.	− 5	.	.		
740	2 32 5	+ 4 44	−15 15	+26	4.75	+0.44	F5V	−0.075	−0.116	+.023	− 29	.	.		
741	2 32 54	+ 5 29	+15 3	+27	6.01 R	.	dF7	−0.019	+0.043	.	+ 6V	.	.		6
742	2 32 15	+ 4 7	−36 25	+27	6.29 H	.	G5	+0.061	+0.012	.		.	.		
743	2 38 2	+ 9 31	+72 49	+26	5.21 R	.	G8III	−0.027	+0.022	+.011	− 2	.	.		
744	2 33 7	+ 4 10	−34 39	+26	5.88 H	.	gK0	−0.022	−0.020	.	+ 13	.	.		
745	2 33 40	+ 4 37	−20 0	+26	6.42 H	.	K0	−0.039	−0.074	.		.	.		
746	2 35 28	+ 6 15	+39 40	+26	6.26 R	−0.10	B8IV	+0.028	−0.024	.		4.3	39.9	3	1
747	2 37 36	+ 8 10	+65 45	+26	5.91 R	.	cK5	+0.050	−0.007	.	+ 41	.	.		
748	2 35 39	+ 6 10	+37 18	+26	5.75 R	.	gK4	+0.005	−0.008	.	− 6	5.0	17.9	3	
749	2 33 51	+ 4 23	−28 14	+26	4.90	−0.06	B9	−0.021	−0.008	.	+ 10V	3.0	11.0		D
750	2 35 47	+ 6 4	+34 41	+26	5.45 R	.	gM3	+0.032	−0.048	+.012	− 10	.	.		D

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
									h m s	° ′	° ′	° ′
751		+ 6° 392	16060	3096	.	1453			2 29 46	+ 7 2	162 36	−47 16
752	77 CET	− 8 484	16074	3091	.	1449			2 29 47	− 8 18	179 29	−58 53
753		+ 6 398	16160	3121	520.	1464			2 30 36	+ 6 25	163 22	−47 40
754	78 ν CET	+ 4 418	16161	3117	521.	1463	1971		2 30 38	+ 5 9	164 29	−48 41
755		−51 611	16170	3090	.				2 30 30	−51 32	270 56	−59 11
756		+38 515	16176	3132	.	1470			2 30 42	+38 18	144 31	−19 41
757		+30 418	16187	3130	.	1469			2 30 45	+31 10	147 48	−26 9
758	R TRI	+33 470	16210		524.	1473		R TRI	2 30 59	+33 50	146 35	−23 43
759	80 CET	− 8 489	16212	3126	.	1468			2 31 5	− 8 16	179 51	−58 37
760		+39 582	16219	3143	.	1477			2 31 4	+39 28	144 5	−18 35
761		+32 473	16220	3139	.	1475			2 31 5	+32 27	147 15	−24 57
762		−63 169	16226	3094	.	1451			2 31 6	−63 2	284 40	−50 45
763	31 ARI	+11 360	16234	3133	526.	1471			2 31 11	+12 1	159 7	−42 55
764	30 ARI	+24 375	16232	3137	525.	1474	1982B		2 31 12	+24 13	151 28	−32 19
765	30 ARI	+24 376	16246	3140	.	1476	1982A		2 31 14	+24 13	151 28	−32 19
766		+ 7 402	16247	3134	.	1472		VAR?	2 31 17	+ 7 18	162 49	−46 50
767	ι^1 FOR	−30 958	16307	3136	.				2 31 51	−30 29	226 25	−66 53
768		+37 588	16327	3159	.	1484	1996		2 32 7	+37 19	145 13	−20 28
769		+37 591	16350	3161	.	1486			2 32 16	+37 40	145 6	−20 8
770		+ 7 405	16399	3162	.	1487			2 32 41	+ 7 16	163 16	−46 40
771	81 CET	− 4 436	16400	3158	.	1483			2 32 39	− 3 50	174 29	−55 16
772	λ^2 FOR	−35 903	16417	3153	529.	1481			2 32 49	−35 0	237 41	−66 15
773	32 ν ARI	+21 362	16432	3167	529.1	1492			2 33 8	+21 32	153 27	−34 28
774		+80 86	16458	3270	530.	1531			2 33 21	+81 1	127 20	+19 35
775		+ 2 406	16467	3168	.	1493	K		2 33 24	+ 3 1	167 18	−49 58
776	μ HYI	−79 66	16522	3102	531.	1456			2 33 47	−79 33	297 12	−36 52
777	ι^2 FOR	−30 973	16538	3170	.				2 34 0	−30 37	226 44	−66 25
778	η HOR	−53 457	16555	3166	534.	1491			2 34 6	−52 59	272 20	−57 49
779	82 δ CET	− 0 406	16582	3192	536.	1496		δ CET	2 34 21	− 0 6	170 45	−52 13
780		−38 875	16589	3176	.				2 34 23	−38 25	245 33	−65 7
781	83 ϵ CET	−12 501	16620	3199	537.	1498	F		2 34 44	−12 18	187 11	−60 25
782	33 ARI	+26 443	16628	3215	539.	1505	2033		2 34 50	+26 38	151 0	−29 48
783		+ 5 374	16647	3210	.	1504			2 34 59	+ 5 41	165 19	−47 37
784		−10 525	16673	3216	.	1506			2 35 20	− 9 53	183 32	−58 51
785	11 PER	+54 598	16727	3253	.				2 35 53	+54 41	138 30	− 4 22
786		−31 1081	16733	3218	.				2 35 46	−31 4	227 50	−66 2
787		+52 616	16735	3254	.	1523	2059		2 35 56	+53 6	139 9	− 5 48
788	12 PER	+39 610	16739	3245	541.	1518		VAR?	2 35 56	+39 46	144 50	−17 55
789		−43 814	16754	3217	542.	1508	R 419		2 35 59	−43 19	255 41	−62 59
790	84 CET	− 1 377	16765	3235	543.	1515	2046		2 36 7	− 1 7	172 24	−52 41
791		+67 224	16769	3271	.	1532			2 36 13	+67 24	133 20	+ 7 16
792		+47 683	16780	3258	.	1525	2064		2 36 19	+47 51	141 24	−10 34
793	34 μ ARI	+19 403	16811	3256	.	1524	2062		2 36 44	+19 35	155 31	−35 45
794	ι ERI	−40 689	16815	3237	547.	1516			2 36 43	−40 17	249 19	−64 4
795		− 3 421	16824	3249	.	1522			2 36 46	− 3 39	175 32	−54 25
796		−15 478	16825	3247	.	1521			2 36 49	−14 59	192 23	−61 28
797		+10 360	16861	3260	.	1528		VAR?	2 37 6	+10 19	162 4	−43 32
798		−64 192	16891	3230	.				2 37 23	−64 43	285 27	−49 0
799	13 θ PER	+48 746	16895	3277	549.	1537	2081		2 37 22	+48 48	141 9	− 9 37
800	14 PER	+43 566	16901	3278	.	1539			2 37 34	+43 52	143 19	−14 5

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
751	2 35 4	+ 5 18	+ 7 28	+26	6.19	+1.06	gG6	−0.007	−0.104	.	− 25	.	.		
752	2 34 43	+ 4 56	− 7 52	+26	5.75	+1.40	gK4	+0.064	−0.060	.	+ 25	.	.		1
753	2 36 5	+ 5 29	+ 6 54	+29	5.82	+0.97	K3V	+1.807	+1.459	+.147	+ 23	.	.		D
754	2 35 53	+ 5 15	+ 5 35	+26	4.86	+0.86	G8III	−0.030	−0.024	−.004	+ 5	4.6	9.1		*
755	2 33 54	+ 3 24	−51 6	+26	6.29 H	.	dF6	−0.009	−0.030	.		.	.		
756	2 36 57	+ 6 15	+38 44	+26	5.87 R	.	F5	+0.146	−0.192	.	+ 1	.	.		
757	2 36 43	+ 5 58	+31 36	+26	5.95 R	.	K0	−0.041	−0.003	.	+ 3	.	.		
758	2 37 3	+ 6 4	+34 16	+26	5.3 H	.	gM4e	+0.022	−0.013	+.004	+ 67	.	.		
759	2 36 0	+ 4 55	− 7 50	+26	5.52	+1.59	M0III	−0.037	−0.055	.	+ 14	.	.		
760	2 37 20	+ 6 16	+39 54	+26	6.36 R	−0.12	B5V	+0.008	−0.018	.	+ 8V	.	.		6
761	2 37 6	+ 6 1	+32 53	+26	6.23 R	.	dF6	+0.067	+0.063	.	+ 0	.	.		
762	2 33 33	+ 2 27	−62 36	+26	6.76	−0.06	B8	+0.023	+0.011	.	+ 9	.	.		
763	2 36 38	+ 5 27	+12 27	+26	5.64 R	.	dF5	+0.279	−0.082	+.033	+ 7	.	.		
764	2 36 58	+ 5 46	+24 39	+26	7.37 H	.	dF6	+0.145	+0.003	+.017	+ 17	1.0	38.7		D
765	2 37 0	+ 5 46	+24 39	+26	6.57 H	.	dF5	+0.138	−0.004	.	+ 15V	1.0	38.7		*
766	2 36 35	+ 5 18	+ 7 44	+26	5.88 R	.	gK0	−0.051	−0.028	.	− 25	.	.		
767	2 36 10	+ 4 19	−30 3	+26	5.74	+1.02	G5	−0.017	+0.006	.		.	.		
768	2 38 18	+ 6 11	+37 45	+26	6.22 R	.	gF6	−0.039	−0.043	.	+ 9	4.2	21.1	3	D
769	2 38 28	+ 6 12	+38 6	+26	6.21 R	−0.03	A0III	−0.008	+0.002	.	+ 2	.	.		
770	2 38 0	+ 5 19	+ 7 42	+26	6.40	+0.44	F5	+0.085	−0.039	.	+ 13	.	.		
771	2 37 41	+ 5 2	− 3 24	+26	5.84 H	.	gG5	+0.040	−0.038	.	+ 8	.	.		
772	2 36 58	+ 4 9	−34 34	+26	5.78	+0.67	dG1	−0.018	−0.264	+.049	+ 4	.	.		
773	2 38 49	+ 5 41	+21 58	+26	5.34 R	+0.16	A7V	−0.011	−0.014	+.011	+ 8V?	.	.		
774	2 47 47	+ 14 26	+81 26	+25	5.78 R	.	K0p	+0.016	−0.068	+.012	+ 18	.	.		S
775	2 38 36	+ 5 12	+ 3 27	+26	6.22	+1.00	G9III	+0.043	+0.007	.	+ 2	3.0	.9		2
776	2 31 41	− 2 6	−79 7	+26	5.27	+0.98	G4III	+0.129	−0.041	−.005	− 15	.	.		
777	2 38 19	+ 4 19	−30 11	+26	5.82	+0.48	dF6	+0.098	−0.082	.	+ 28	.	.		
778	2 37 24	+ 3 18	−52 33	+26	5.30	+0.27	A5	+0.082	−0.018	+.018	− 3	.	.		
779	2 39 29	+ 5 8	+ 0 20	+26	4.07	−0.22	B2IV	+0.012	+0.002	−.001	+ 13V	.	.		*
780	2 38 25	+ 4 2	−37 59	+26	6.47 H	.	dF8	+0.096	−0.065	.		.	.		
781	2 39 34	+ 4 50	−11 53	+25	4.84	+0.45	F5IV-V	+0.147	−0.232	+.059	+ 15	.0	.1		D
782	2 40 41	+ 5 51	+27 4	+26	5.29 R	+0.09	A3V	+0.068	−0.028	−.004	+ 17V	2.9	29.3		
783	2 40 15	+ 5 16	+ 6 7	+26	6.15 R	.	dF2	+0.052	+0.001	.	+ 18	.	.		
784	2 40 12	+ 4 52	− 9 27	+26	5.93 H	.	dF8	−0.151	−0.082	.	− 4	.	.		
785	2 43 3	+ 7 10	+55 7	+26	5.65 R	−0.13	B8	+0.040	−0.021	.		.	.		
786	2 40 3	+ 4 17	−30 38	+26	6.51	+1.04	G5	−0.008	−0.063	.		.	.		
787	2 42 59	+ 7 3	+53 32	+26	5.97 R	.	gK0	+0.071	−0.028	.	− 12	9.0	12.8		1
788	2 42 15	+ 6 19	+40 11	+25	4.92 R	.	F9V	−0.014	−0.186	+.040	− 23V	.	.		R
789	2 39 48	+ 3 49	−42 53	+26	4.74	+0.06	A2V	+0.097	−0.024	+.021	+ 20V	10.5	23.8		
790	2 41 14	+ 5 7	− 0 42	+25	5.73 H	.	dF6	+0.214	−0.130	+.029	+ 8	3.2	4.8		2
791	2 44 50	+ 8 37	+67 49	+25	5.79 R	.	A2	+0.020	−0.026	.	+ 5V	.	.		R
792	2 43 2	+ 6 43	+48 17	+26	6.45 R	.	G5	+0.007	+0.003	.	− 5	4.1	72.8	3	*
793	2 42 22	+ 5 38	+20 1	+26	5.66 R	−0.02	A0IV-V	+0.031	−0.042	.	− 7	6.5	19.6		3
794	2 40 40	+ 3 57	−39 51	+26	4.10	+1.02	K0III	+0.133	−0.028	+.030	− 9	.	.		
795	2 41 48	+ 5 2	− 3 13	+26	6.11 H	.	gG9	−0.019	+0.007	.	+ 4	.	.		
796	2 41 34	+ 4 45	−14 33	+26	6.05 H	.	dF7	−0.030	+0.046	.	+ 2	.	.		
797	2 42 29	+ 5 23	+10 45	+26	6.30	+0.06	A2V	−0.025	−0.019	.	+ 6	.	.		G
798	2 39 32	+ 2 9	−64 17	+26	6.54	−0.09	B9	+0.023	+0.015	.		.	.		
799	2 44 12	+ 6 50	+49 13	+25	4.12	+0.48	F7V	+0.337	−0.087	+.077	+ 25	5.8	18.2	3	D
800	2 44 5	+ 6 31	+44 18	+26	5.46 R	.	G0Ib	+0.004	−0.005	.	− 3	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
801	35 ARI	+27 424	16908	3273	.	1534			2 37 35	+27 17	151 17	−28 56
802	ζ HOR	−55 446	16920	3246	550.	1519			2 37 33	−54 59	274 27	−56 6
803		+25 441	16955	3282	553.	1541	2082		2 38 3	+25 13	152 31	−30 42
804	86 γ CET	+ 2 422	16970	3276	554.	1535	2080		2 38 7	+ 2 49	168 55	−49 23
805		−38 894	16975	3263	.				2 38 8	−38 49	245 56	−64 17
806	ε HYI	−68 161	16978	3240	.	1517			2 38 3	−68 42	288 58	−45 49
807		−47 832	17006	3269	.				2 38 32	−46 57	261 59	−60 50
808	36 ARI	+17 426	17017	3294	.	1545			2 38 44	+17 20	157 28	−37 26
809	37 ο ARI	+14 457	17036	3303	.	1549			2 39 2	+14 53	159 13	−39 28
810	ι HOR	−51 641	17051	3279	557.	1540			2 39 9	−51 14	268 51	−58 20
811	89 π CET	−14 519	17081	3300	.	1548			2 39 22	−14 17	191 49	−60 35
812	38 ARI	+11 377	17093	3308	557.1	1552			2 39 31	+12 1	161 26	−41 48
813	87 μ CET	+ 9 359	17094	3309	558.	1553			2 39 32	+ 9 42	163 14	−43 42
814		−41 769	17098	3290	.		I		2 39 27	−40 57	250 19	−63 21
815	RZ CAS	+69 179	17138	3345	.	1566		RZ CAS	2 39 53	+69 13	132 53	+ 9 4
816		+ 4 437	17163	3315	.	1557			2 40 6	+ 4 17	168 5	−47 56
817		−33 943	17168	3310	.	1554			2 40 9	−32 57	232 16	−65 1
818	1 τ^1 ERI	−19 518	17206	3318	560.	1558			2 40 26	−19 0	200 50	−62 33
819		+35 553	17228	3335	.	1562			2 40 47	+35 35	147 43	−21 15
820		+34 513	17240	3337	.	1563	2117		2 40 55	+35 8	147 57	−21 39
821		−53 475	17254	3314	.				2 40 58	−53 0	271 8	−57 1
822		−46 797	17325	3326	.				2 41 41	−46 42	260 59	−60 30
823		−67 181	17326	3313	.	1556	F	VAR?	2 41 42	−67 8	287 12	−46 51
824	39 ARI	+28 462	17361	3356	567.	1572			2 41 57	+28 50	151 24	−27 7
825		+56 718	17378	3370	.	1578			2 42 8	+56 40	138 28	− 2 11
826		−22 479	17390	3348	.				2 42 12	−22 4	207 27	−63 15
827		−23 1061	17438	3357	.				2 42 41	−22 55	209 20	−63 24
828	40 ARI	+17 442	17459	3369	.	1577		VAR?	2 42 56	+17 52	158 11	−36 27
829	SU CAS	+68 200	17463	3403	572.	1588		SU CAS	2 43 3	+68 28	133 28	+ 8 30
830		+24 396	17471	3373	.	1579			2 42 57	+24 46	153 54	−30 33
831		+36 566	17484	3375	.	1580			2 43 13	+36 54	147 32	−19 52
832	Z ERI	−13 530	17491	3366	.	1576		Z ERI	2 43 8	−12 53	190 26	−59 3
833		−64 196	17504	3346	.	1567			2 43 19	−64 7	284 7	−49 3
834	15 η PER	+55 714	17506	3390	573.	1584	2157		2 43 24	+55 29	139 8	− 3 11
835	η^1 FOR	−36 1050	17528	3363	.				2 43 30	−35 58	239 0	−63 56
836	42 π ARI	+16 355	17543	3378	.	1581	2151	VAR?	2 43 43	+17 3	158 56	−37 3
837	ζ HYI	−68 169	17566	3354	574.	1570			2 44 0	−68 2	287 46	−46 0
838	41 ARI	+26 471	17573	3391	575.	1585	2159	VAR?	2 44 6	+26 51	152 58	−28 37
839		+57 651	17581	3413	.	1594			2 44 15	+57 54	138 12	+ 0 57
840	16 PER	+37 646	17584	3401	576.	1587			2 44 16	+37 54	147 15	−18 53
841	β FOR	−32 1025	17652	3387	579.	1583			2 44 54	−32 50	231 50	−64 1
842		+46 648	17656	3418	.	1600			2 45 0	+46 25	143 23	−11 13
843	17 PER	+34 527	17709	3419	581.	1601			2 45 21	+34 39	149 4	−21 39
844	γ^1 FOR	−25 1120	17713	3404	.		2167		2 45 25	−24 58	214 7	−63 18
845	γ^2 FOR	−28 903	17729	3405	583.	1591			2 45 34	−28 21	221 38	−63 48
846		+52 640	17743	3439	585.	1608	2185		2 45 46	+52 35	140 44	− 5 38
847	43 σ ARI	+14 480	17769	3427	.	1603			2 45 58	+14 40	161 10	−38 44
848	η^2 FOR	−36 1067	17793	3414	.		I		2 46 12	−36 15	239 25	−63 21
849		+47 723	17818	3446	.	1610	2192		2 46 32	+48 9	142 50	− 9 33
850	2 τ^2 ERI	−21 509	17824	3429	590.	1604	2179		2 46 30	−21 25	206 48	−62 6

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
801	2 43 27	+ 5 52	+27 43	+26	4.58 R	.	B3V	+0.008	−0.007	.	+ 19V?	.	.		G
802	2 40 40	+ 3 7	−54 33	+26	5.26 H	.	dF5	+0.040	+0.000	+.024	− 1V	.	.		R
803	2 43 51	+ 5 48	+25 38	+25	6.28 R	+0.07	A3V	−0.009	−0.003	−.001	− 11	4.6	3.0	3	D
804	2 43 18	+ 5 11	+ 3 14	+25	3.47	+0.09	A2V	−0.141	−0.147	+.048	− 5	3.8	3.4		*
805	2 42 7	+ 3 59	−38 23	+26	6.00	+0.92	G5	+0.013	+0.004	.	+ 17	.	.		
806	2 39 35	+ 1 32	−68 16	+26	4.10	−0.06	B9III	+0.092	+0.011	.	+ 6	.	.		
807	2 42 8	+ 3 36	−46 32	+25	6.09	+0.88	G8IV	+0.014	−0.095	.	+ 13	.	.		
808	2 44 19	+ 5 35	+17 45	+25	6.34 R	.	gK2	+0.040	−0.033	.	− 32	.	.		
809	2 44 33	+ 5 31	+15 18	+25	5.70 R	−0.01	B9V	−0.001	−0.018	.	− 7	.	.		
810	2 42 33	+ 3 24	−50 48	+26	5.40	+0.56	G3IV	+0.327	+0.225	+.071	+ 17	.	.		
811	2 44 8	+ 4 46	−13 52	+25	4.23	−0.13	B7V	−0.006	−0.012	.	+ 15	.	.		
812	2 44 58	+ 5 27	+12 26	+25	5.08 R	.	A7IV	+0.122	−0.081	+.025	− 2	.	.		
813	2 44 56	+ 5 24	+10 7	+25	4.25	+0.31	F0IV	+0.284	−0.030	+.040	+ 29V	.	.		G
814	2 43 20	+ 3 53	−40 31	+26	6.35	−0.02	A0	+0.014	+0.027	.009D		.1	2.1		D
815	2 48 54	+ 9 1	+69 38	+25	6.3 H	.	A2	+0.004	+0.037	.	− 39V	.	.		R
816	2 45 21	+ 5 15	+ 4 42	+25	5.98 R	.	gF0	+0.067	−0.039	.	+ 20	.	.		6
817	2 44 21	+ 4 12	−32 32	+25	6.21	+0.03	A1	+0.016	−0.025	.	+ 21V	.	.		6
818	2 45 6	+ 4 40	−18 35	+25	4.48	+0.46	F6V	+0.331	+0.045	+.067	+ 26	.	.		
819	2 46 58	+ 6 11	+36 0	+25	6.25 R	.	G8III	+0.051	−0.004	.	+ 21	.	.		
820	2 47 4	+ 6 9	+35 33	+25	6.28 R	.	F2	−0.041	−0.046	.013D	− 4	2.1	1.8	3	D
821	2 44 11	+ 3 13	−52 35	+25	6.14	+0.09	A2	−0.017	−0.015	.		.	.		
822	2 45 16	+ 3 35	−46 17	+25	6.84	+1.36	K0	−0.009	−0.014	.		.	.		
823	2 43 27	+ 1 45	−66 43	+25	6.25	+0.53	dF7	+0.107	−0.067	.	− 20	.0	.5		
824	2 47 54	+ 5 57	+29 15	+25	4.48 R	.	K1III	+0.151	−0.121	+.024	− 15	.	.		
825	2 49 31	+ 7 23	+57 5	+25	6.26	+0.89	A5Ia	+0.007	−0.007	.	− 38	.	.		
826	2 46 45	+ 4 33	−21 39	+25	6.49 H	.	F5	+0.092	+0.014	.		.	.		
827	2 47 11	+ 4 30	−22 30	+25	6.66 H	.	F2	−0.019	−0.034	.		.	.		
828	2 48 33	+ 5 37	+18 17	+25	5.87 R	.	gK1	+0.046	−0.035	.	+ 47	.	.		
829	2 51 59	+ 8 56	+68 53	+25	6.0 H	.	F5I-II	+0.007	−0.007	+.008	− 7V	.	.		R
830	2 48 46	+ 5 49	+25 11	+25	5.82 R	−0.07	B9V	+0.061	−0.002	.	+ 14	.	.		
831	2 49 28	+ 6 15	+37 19	+25	6.38 R	.	gF3	+0.010	−0.015	.	+ 12V?	.	.		6
832	2 47 56	+ 4 48	−12 28	+25	6.4 H	.	M4III	+0.007	−0.034	.	− 14	.	.		
833	2 45 27	+ 2 8	−63 42	+25	5.69 H	.	K0	+0.020	−0.007	.	− 11V	.	.		6
834	2 50 42	+ 7 18	+55 54	+25	3.76	+1.66	K3Ib	+0.021	−0.011	+.004	− 1	4.5	28.6	5	D
835	2 47 33	+ 4 3	−35 33	+25	6.51 H	.	K0	−0.046	−0.036	.		.	.		
836	2 49 18	+ 5 35	+17 28	+25	5.21 R	−0.06	B6IV	+0.000	−0.014	.	+ 9V	3.5	3.4	3	*
837	2 45 33	+ 1 33	−67 37	+25	4.83	+0.06	A3	+0.066	+0.043	+.004	+ 4	.	.		
838	2 49 59	+ 5 53	+27 16	+25	3.65 R	−0.12	B8V	+0.067	−0.113	+.031	+ 4V	5.4	127.6	4	1
839	2 51 45	+ 7 30	+58 19	+25	6.38 R	.	A m	−0.064	+0.019	.	− 5V	.	.		R
840	2 50 35	+ 6 19	+38 19	+25	4.22	+0.34	F2III	+0.190	−0.106	+.020	+ 14	.	.		
841	2 49 5	+ 4 11	−32 25	+25	4.45	+0.98	G6III	+0.091	+0.163	+.018	+ 17V?	.	.		
842	2 51 42	+ 6 42	+46 50	+25	5.88 R	.	gG5	−0.029	−0.024	.	− 12	.	.		
843	2 51 31	+ 6 10	+35 4	+25	4.51 R	.	K5III	+0.017	−0.064	+.004	+ 14	.	.		
844	2 49 51	+ 4 26	−24 33	+25	6.13	+1.07	G5	−0.044	−0.124	.		5.2	48.8	3	D
845	2 49 54	+ 4 20	−27 56	+25	5.38	+0.01	A1	+0.045	+0.033	+.018	+ 24	.	.		
846	2 52 52	+ 7 6	+53 0	+25	6.40 R	+0.07	B9	+0.005	−0.010	−.012	+ 1	.2	1.6	3	D
847	2 51 29	+ 5 31	+15 5	+25	5.43 R	−0.10	B7V	+0.030	−0.028	.	+ 17	.	.		
848	2 50 15	+ 4 3	−35 50	+25	5.82 H	.	K0	+0.052	+0.024	.		5.5	5.0		2
849	2 53 21	+ 6 49	+48 34	+25	6.38 R	.	K0	+0.015	−0.026	.	− 1	4.1	6.8		2
850	2 51 2	+ 4 32	−21 0	+25	4.76	+0.91	K0III	−0.050	−0.011	+.024	− 9	10.9	46.9		

BS = HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
851	η^3 FOR	−36 1070	17829	3426	592.	1602			2 46 38	−36 5	239 1	−63 17
852	ν HOR	−63 188	17848	3412	593.	1593			2 46 48	−63 13	282 45	−49 28
853		−40 736	17864	3432	.				2 46 56	−40 21	248 2	−62 13
854	18 τ PER	+52 641	17878	3462	597.	1615	2202	VAR?	2 47 10	+52 21	141 1	− 5 45
855	20 PER	+37 655	17904	3459	598.	1613	2200	VAR?	2 47 24	+37 56	147 48	−18 34
856		+15 400	17918	3456	.	1612			2 47 37	+16 5	160 34	−37 20
857		−13 544	17925	3449	599.	1611			2 47 42	−13 11	192 4	−58 17
858		−31 1148	17926	3443	.				2 47 42	−31 14	228 10	−63 29
859		−10 569	17943	3455	.				2 47 58	− 9 51	187 1	−56 21
860		+60 591	17948	3487	.	1619			2 48 1	+61 7	137 12	+ 2 9
861		+63 369	17958	3497	.	1624		VAR?	2 48 7	+63 55	135 57	+ 4 39
862		−22 503	18071	3480	.				2 49 5	−22 47	209 58	−61 57
863	ψ FOR	−38 948	18149	3482	.				2 49 39	−38 51	244 39	−62 7
864		+50 665	18153	3525	.	1633			2 49 50	+50 51	142 5	− 6 54
865		+46 658	18155	3520	.	1631			2 49 48	+46 45	143 58	−10 33
866		−63 197	18185	3478	.			VAR?	2 50 10	−63 19	282 26	−49 8
867	45 ARI	+17 457	18191	3517	605.	1629		RZ ARI	2 50 11	+17 56	159 55	−35 27
868	R HOR	−50 860	18242		607.1	1622		R HOR	2 50 33	−50 18	265 28	−57 23
869	46 ρ ARI	+17 458	18256	3532	609.	1635			2 50 47	+17 37	160 17	−35 38
870		+ 7 450	18262	3531	.	1634			2 50 53	+ 7 59	167 45	−43 22
871		−51 683	18265	3501	.				2 50 52	−51 17	266 57	−56 48
872	ν HYI	−75 204	18293	3463	610.	1616			2 51 7	−75 29	293 22	−39 45
873	21 PER	+31 509	18296	3544	610.1	1640			2 51 13	+31 32	151 52	−23 47
874	3 η ERI	− 9 553	18322	3539	611.	1638		VAR?	2 51 32	− 9 18	187 9	−55 19
875		− 4 502	18331	3541	612.	1639			2 51 37	− 4 7	180 21	−52 3
876		+38 599	18339	3556	.	1647			2 51 42	+38 13	148 27	−17 54
877		+ 3 410	18345	3547	.	1641			2 51 50	+ 4 5	171 33	−46 12
878	47 ARI	+20 480	18404	3562	615.	1649			2 52 21	+20 16	158 52	−33 14
879	22 π PER	+39 681	18411	3567	614.	1651			2 52 22	+39 16	148 2	−16 56
880		−64 206	18423	3528	.				2 52 27	−64 51	283 46	−47 51
881		+78 103	18438	3638	.	1684	2294		2 52 47	+79 1	129 5	+18 11
882	24 PER	+34 550	18449	3575	.	1654			2 52 52	+34 47	150 27	−20 47
883	4 ERI	−24 1336	18454	3561	616.	1648			2 52 57	−24 16	213 29	−61 29
884		−30 1122	18466	3560	.				2 52 59	−30 15	226 4	−62 19
885		+46 669	18474	3588	617.	1664			2 53 3	+46 49	144 27	−10 14
886		+40 639	18482	3587	.	1663			2 53 12	+40 38	147 30	−15 39
887	48 ϵ ARI	+20 484	18519	3582	620.	1660	2257B	VAR?	2 53 30	+20 56	158 42	−32 32
888	48 ϵ ARI	+20 484	18520	3582	.	1659	2257A	VAR?	2 53 30	+20 56	158 42	−32 32
889	6 ERI	−24 1343	18535	3574	.	1653			2 53 39	−24 0	213 1	−61 15
890		+51 665	18537	3600	.	1672	2270A		2 53 44	+51 57	142 6	− 5 39
891		+51 665	18538	3602	.	1673	2270B		2 53 44	+51 57	142 6	− 5 39
892		− 3 470	18543	3580	621.	1657	K		2 53 40	− 3 11	179 47	−51 3
893		−38 976	18546	3568	.				2 53 39	−38 36	243 44	−61 25
894		+37 675	18552	3594	.	1668			2 53 52	+37 45	149 5	−18 6
895		−10 585	18557	3583	.				2 53 56	−10 11	189 1	−55 21
896	91 λ CET	+ 8 455	18604	3595	.	1669			2 54 21	+ 8 31	168 12	−42 25
897	θ^1 ERI	−40 771	18622	3584	624.	1661	IA	VAR?	2 54 28	−40 42	247 52	−60 44
898	θ^2 ERI	−40 771	18623	3586	.	1662	IB	VAR?	2 54 29	−40 42	247 52	−60 44
899	5 ERI	− 3 475	18633	3597	.	1670		VAR?	2 54 38	− 2 52	179 41	−50 39
900		−29 1106	18650	3591	.				2 54 51	−29 18	224 6	−61 52

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
851	2 50 40	+ 4 2	−35 40	+25	5.49 H	.	gK5	+0.002	−0.058	+.011	+ 12	.	.		
852	2 49 1	+ 2 13	−62 48	+25	5.25	+0.10	A0	+0.090	+0.029	−.004	+ 31	.	.		
853	2 50 48	+ 3 52	−39 56	+25	6.25 H	.	B9	+0.051	+0.010	.		.	.		
854	2 54 16	+ 7 6	+52 46	+25	3.09 R	.	G5III+A5	+0.002	−0.004	+.012	+ 2V	6.6	51.7	3	R
855	2 53 43	+ 6 19	+38 20	+24	5.25 R	.	F4V	+0.048	−0.076	+.010	+ 6	1.1	.3	4	D
856	2 53 11	+ 5 34	+16 29	+24	6.29 R	.	F2	+0.060	−0.061	.	+ 9	.	.		
857	2 52 31	+ 4 49	−12 47	+24	6.05	+0.87	dK0	+0.395	−0.170	+.127	+ 19	.	.		
858	2 51 56	+ 4 14	−30 49	+25	6.39	+0.48	F8IV-V	+0.121	+0.110	.	+ 8	.	.		
859	2 52 50	+ 4 52	− 9 26	+25	6.30	+0.20	A2	+0.074	+0.054	.		.	.		
860	2 55 57	+ 7 56	+61 31	+24	5.56 R	.	dF4	+0.148	+0.037	.	+ 29	.	.		
861	2 56 23	+ 8 16	+64 19	+24	6.51 R	.	K3Ib	+0.009	+0.003	.	− 22	.	.		
862	2 53 35	+ 4 30	−22 23	+24	5.94	+1.05	G5	+0.091	−0.076	.	+ 49	.	.		
863	2 53 34	+ 3 55	−38 26	+25	5.91	+0.44	dF7	+0.048	+0.043	.	+ 14V	.	.		
864	2 56 51	+ 7 1	+51 15	+24	6.36 R	.	K5III	−0.009	−0.038	.	+ 5	.	.		
865	2 56 33	+ 6 45	+47 9	+24	6.04 R	.	gK3	+0.004	+0.001	.	− 13	.	.		
866	2 52 19	+ 2 9	−62 54	+25	6.02	+1.26	gK0	+0.069	+0.003	.		.	.		
867	2 55 48	+ 5 37	+18 20	+24	5.94 H	.	gM6	−0.007	−0.016	+.010	+ 46	.	.		
868	2 53 53	+ 3 20	−49 54	+24	4.0 H	.	gM7e	+0.133	+0.034	+.006	+ 60	.	.		
869	2 56 26	+ 5 39	+18 1	+24	5.50 R	.	dF5	+0.277	−0.209	+.035	+ 15	.	.		
870	2 56 14	+ 5 21	+ 8 23	+24	5.98	+0.48	dF7	+0.067	−0.084	.	+ 29	.	.		
871	2 54 6	+ 3 14	−50 53	+24	6.06 H	.	K0	−0.014	−0.030	.		.	.		
872	2 50 29	− 0 38	−75 4	+25	4.74	+1.33	gK4	−0.032	−0.019	+.003	+ 5	.	.		G
873	2 57 17	+ 6 4	+31 56	+24	5.10	−0.01	A si	+0.001	−0.032	+.001	+ 8V?	.	.		
874	2 56 25	+ 4 53	− 8 54	+24	3.89	+1.09	K1III	+0.078	−0.213	+.027	− 20	.	.		
875	2 56 38	+ 5 1	− 3 43	+24	5.17	+0.08	A1V	−0.030	−0.040	+.019	− 15V?	.	.		G
876	2 58 3	+ 6 21	+38 37	+24	5.92 R	.	gK3	−0.006	−0.015	.	− 41	.	.		
877	2 57 4	+ 5 14	+ 4 29	+24	6.12 R	+1.69	M2	+0.007	+0.025	.	+ 52	.	.		
878	2 58 5	+ 5 44	+20 40	+24	5.80	+0.41	dF5	+0.233	−0.033	+.030	+ 29	.	.		G
879	2 58 46	+ 6 24	+39 40	+24	4.57 R	+0.06	A2V	+0.031	−0.039	+.004	+ 14V	.	.		
880	2 54 21	+ 1 54	−64 27	+24	6.55	+1.39	K0	+0.008	−0.003	.		.	.		
881	3 6 8	+ 13 21	+79 25	+24	5.46 R	.	M1III?	−0.034	+0.010	.008D	− 38	3.2	4.9		D
882	2 59 4	+ 6 12	+35 11	+24	4.82 R	.	K2III	−0.047	+0.008	.	− 36	.	.		
883	2 57 24	+ 4 27	−23 52	+24	5.44	+0.23	A4	+0.099	−0.026	+.021	+ 29	.	.		
884	2 57 13	+ 4 14	−29 51	+24	6.32 H	.	A p	+0.008	−0.001	.		.	.		
885	2 59 50	+ 6 47	+47 13	+24	5.52 R	.	G p	+0.020	+0.025	−.010	+ 7	.	.		
886	2 59 40	+ 6 28	+41 2	+24	5.89 R	.	K2	+0.022	−0.038	.	+ 32	.	.		
887	2 59 13	+ 5 43	+21 20	+24	5.55 H	.	A2V	−0.015	−0.004	−.001	− 6	.3	1.5	3	*
888	2 59 13	+ 5 43	+21 20	+24	5.25 H	.	A2V	−0.015	−0.004	.	− 8	.3	1.5	3	*
889	2 58 6	+ 4 27	−23 36	+24	5.96 H	.	gK2	+0.060	+0.054	.	+ 7	.	.		
890	3 0 52	+ 7 8	+52 21	+24	5.1 ?	−0.05	B7IV	+0.029	−0.025	.	− 4	1.4	12.4		*
891	3 0 52	+ 7 8	+52 21	+24	6.79 H	.	A1n	+0.016	−0.020	.	+ 1V	1.4	12.4		*
892	2 58 42	+ 5 2	− 2 47	+24	5.24	+0.00	A2	−0.030	−0.052	+.012	− 7	7.3	3.4		2
893	2 57 33	+ 3 54	−38 12	+24	6.40	−0.03	A0	+0.002	+0.008	.		.	.		
894	3 0 12	+ 6 20	+38 9	+24	6.08 R	−0.06	B8Ve	+0.007	−0.027	.	− 16V	.	.		6
895	2 58 47	+ 4 51	− 9 47	+24	6.14	+0.23	A2	+0.010	−0.007	.		.	.		
896	2 59 43	+ 5 22	+ 8 55	+24	4.69 R	−0.12	B5III	+0.006	−0.015	.	+ 10	.	.		
897	2 58 15	+ 3 47	−40 18	+24	3.42 H	.	A3V	−0.055	+0.026	+.028	+ 12V	1.0	9.3		*
898	2 58 16	+ 3 47	−40 18	+24	4.42 H	.	A2	−0.070	+0.021	.	+ 19	1.0	9.3		D
899	2 59 41	+ 5 3	− 2 28	+24	5.48 H	−0.07	B9	−0.012	−0.020	.	+ 18V	.	.		6
900	2 59 7	+ 4 16	−28 54	+24	6.13	+1.04	G5	+0.016	−0.040	.		.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
901	ζ FOR	−25 1191	18692	3603	626.	1675			2 55 12	−25 40	216 34	−61 17
902		+10 401	18700	3616	.	1678			2 55 18	+10 29	166 47	−40 45
903		−33 1042	18735	3606	.				2 55 31	−32 54	231 44	−61 48
904	7 ERI	− 3 478	18760	3621	.	1679			2 55 48	− 3 17	180 28	−50 43
905	49 ARI	+25 477	18769	3629	.	1682			2 56 1	+26 4	156 1	−27 54
906		+80 97	18778	3715	628.	1720	2348	VAR?	2 56 11	+81 5	128 8	+20 3
907	8 ρ¹ ERI	− 8 562	18784	3627	.	1680			2 56 15	− 8 3	186 37	−53 39
908		+ 4 485	18832	3636	.	1683			2 56 36	+ 4 57	171 59	−44 45
909	β HOR	−64 215	18866	3611	.	1676			2 56 54	−64 28	282 52	−47 47
910	93 CET	+ 3 420	18883	3646	.	1689			2 57 8	+ 3 58	173 4	−45 24
911	92 α CET	+ 3 419	18884	3643	629.	1688			2 57 3	+ 3 42	173 18	−45 36
912		−10 594	18885	3642	.	1687			2 57 5	−10 21	190 1	−54 49
913		− 7 537	18894	3644	.				2 57 12	− 6 53	185 18	−52 45
914	ε FOR	−28 987	18907	3641	630.	1686			2 57 19	−28 28	222 28	−61 15
915	23 γ PER	+52 654	18925	3664	632.	1699	2324		2 57 33	+53 7	142 4	− 4 21
916		+27 468	18928	3656	.	1696			2 57 32	+27 53	155 15	−26 11
917	9 ρ² ERI	− 8 568	18953	3651	.	1693	2312		2 57 48	− 8 5	187 2	−53 21
918		+56 767	18970	3674	632.2	1703			2 58 1	+56 19	140 35	− 1 30
919	11 τ³ ERI	−24 1387	18978	3649	633.	1692			2 57 59	−24 1	213 33	−60 18
920		+55 738	18991	3681	.	1706			2 58 12	+55 41	140 55	− 2 3
921	25 ρ PER	+38 630	19058	3682	635.	1707		ρ PER	2 58 46	+38 27	149 35	−17 1
922		+63 390	19065	3705	.	1715			2 58 57	+63 40	137 8	+ 4 59
923		+40 664	19066	3684	.	1709			2 58 53	+40 12	148 42	−15 30
924		+15 430	19080	3680	.	1705			2 59 6	+15 28	163 50	−36 14
925	10 ρ³ ERI	− 8 572	19107	3677	637.	1704			2 59 22	− 8 0	187 19	−51 0
926		+ 1 534	19121	3683	.	1708			2 59 28	+ 1 30	176 9	−46 46
927	52 ARI	+24 431	19134	3697	.	1713	2336A		2 59 35	+24 52	157 32	−28 29
928	52 ARI	+24 431	19135	3697	.		2336B		2 59 35	+24 52	157 32	−28 29
929		−47 932	19141	3667	.	1701			2 59 31	−47 22	259 23	−57 30
930		+51 681	19268	3725	.	1727			3 0 53	+51 50	143 8	− 5 13
931		+12 436	19270	3712	.	1719			3 0 54	+12 48	166 18	−38 5
932		+73 168	19275	3759	641.	1743			3 1 5	+74 1	132 7	+14 5
933		+46 692	19279	3723	.	1725			3 0 56	+46 55	145 35	− 9 29
934	μ HOR	−60 236	19319	3694	643.	1712			3 1 15	−60 8	277 27	−50 20
935		− 6 606	19349	3718	.	1722	R 490		3 1 37	− 6 29	185 53	−51 38
936	26 β PER	+40 673	19356	3733	646.	1731	2362	β PER	3 1 40	+40 34	148 59	−14 55
937	ι PER	+49 857	19373	3740	647.	1734			3 1 51	+49 14	144 34	− 7 24
938	53 ARI	+17 493	19374	3728	.	1728		VAR?	3 1 48	+17 30	162 59	−34 13
939	θ HYI	−72 219	19400	3687	.	1710	F		3 2 3	−72 18	289 56	−41 45
940	54 ARI	+18 414	19460	3742	651.	1736			3 2 41	+18 25	162 31	−33 21
941	27 κ PER	+44 631	19476	3755	650.	1741	2368	VAR?	3 2 45	+44 29	147 7	−11 26
942		+ 7 478	19525	3751	.	1740			3 3 17	+ 8 5	170 50	−41 19
943		−28 1028	19545	3747	.				3 3 35	−28 13	222 17	−59 51
944	55 ARI	+28 499	19548	3762	.	1745			3 3 36	+28 42	156 0	−24 47
945		+27 480	19600	3779	.	1748			3 4 10	+27 27	156 53	−25 45
946		+26 516	19637	3783	.	1749			3 4 31	+26 31	157 32	−26 29
947	28 ω PER	+39 724	19656	3791	655.	1752			3 4 50	+39 14	150 14	−15 44
948		+11 445	19698	3789	.				3 5 11	+11 30	168 23	−38 25
949		+47 779	19735	3812	.	1759			3 5 31	+47 22	146 3	− 8 42
950		+41 631	19736	3810	.				3 5 33	+42 0	148 52	−13 18

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
901	2 59 36	+ 4 24	−25 16	+24	5.70	+0.41	A9n	+0.178	+0.092	+.023	+ 27V?	.	.		G
902	3 0 44	+ 5 26	+10 53	+24	6.02 R	.	K6	+0.079	−0.029	.	+ 18	.	.		
903	2 59 38	+ 4 7	−32 30	+24	6.30	+0.00	A0	−0.001	+0.003	.		.	.		
904	3 0 50	+ 5 2	− 2 53	+24	6.34 H	+1.77	gM1	+0.019	+0.010	.	+ 81	.	.		
905	3 1 55	+ 5 54	+26 28	+24	5.86 R	+0.14	A m	−0.013	+0.007	.	− 4	.	.		
906	3 11 43	+ 15 32	+81 28	+23	5.95	+0.15	A m	−0.049	−0.003	+.016	− 3V	4.7	24.8		*
907	3 1 10	+ 4 55	− 7 39	+24	5.75	+1.05	dG6	+0.098	−0.065	.	+ 14	.	.		
908	3 1 52	+ 5 16	+ 5 21	+24	6.26	+1.05	K0	+0.036	+0.019	.	− 59	.	.		
909	2 58 47	+ 1 53	−64 4	+24	4.98	+0.13	A5V	+0.017	+0.014	.	+ 24V?	.	.		
910	3 2 22	+ 5 14	+ 4 22	+24	5.63	−0.10	B7III	+0.015	+0.009	.	+ 12	.	.		
911	3 2 17	+ 5 14	+ 4 6	+24	2.52	+1.64	M2III	−0.009	−0.074	+.003	− 26	.	.		
912	3 1 56	+ 4 51	− 9 57	+24	5.82	+1.11	gG6	+0.049	−0.009	.	+ 12	.	.		
913	3 2 9	+ 4 57	− 6 30	+23	6.20	+0.60	F8	+0.088	−0.143	.		.	.		
914	3 1 38	+ 4 19	−28 5	+23	5.88	+0.79	G5IV	+0.272	−0.419	+.031	+ 31V?	.	.		
915	3 4 48	+ 7 15	+53 30	+23	2.90	+0.73	G8III?+A3?	+0.003	−0.003	+.011	+ 3V	7.7	57.7		R
916	3 3 30	+ 5 58	+28 17	+24	6.31 R	.	A5	+0.084	−0.017	.	+ 11	.	.		
917	3 2 43	+ 4 55	− 7 41	+24	5.33	+0.94	gG5	+0.048	+0.003	.	+ 25	4.2	2.9		3
918	3 5 32	+ 7 31	+56 43	+24	4.93 R	.	K0II-III	−0.014	+0.076	+.006	− 45	.	.		
919	3 2 24	+ 4 25	−23 37	+24	4.10	+0.16	A5V	−0.145	−0.046	+.051	− 10	.	.		G
920	3 5 40	+ 7 28	+56 4	+23	6.36 R	.	K0	+0.000	−0.036	.	− 11	.	.		
921	3 5 11	+ 6 25	+38 50	+23	3.2 H	.	M4II-III	+0.132	−0.106	+.008	+ 28	.	.		G
922	3 7 19	+ 8 22	+64 3	+23	5.80 R	−0.03	B9	−0.015	+0.013	.	− 2	.	.		
923	3 5 21	+ 6 28	+40 35	+23	5.99 R	.	K0III	−0.051	+0.002	.	− 34	.	.		
924	3 4 40	+ 5 34	+15 51	+23	6.46 R	.	K2	+0.000	−0.092	.	− 32	.	.		
925	3 4 17	+ 4 55	− 7 37	+23	5.26	+0.20	A4	+0.057	+0.017	+.018	+ 15	.	.		
926	3 4 38	+ 5 10	+ 1 53	+23	5.92 R	.	K0III	+0.030	+0.008	.	+ 1	.	.		
927	3 5 27	+ 5 52	+25 15	+23	6.11 H	−0.02	B7V	+0.004	−0.006	.004D	+ 9	.0	.7	5	D
928	3 5 27	+ 5 52	+25 15	+23	6.11 H	.	B7V	+0.004	−0.006	.004D		.0	.7	5	D
929	3 2 56	+ 3 25	−46 59	+23	5.66 H	.	gK2	+0.020	+0.001	.	+ 17V	.	.		
930	3 8 4	+ 7 11	+52 13	+23	6.16 R	.	B5	+0.033	−0.025	.	+ 6	.	.		
931	3 6 23	+ 5 29	+13 11	+23	5.68 R	.	gK0	+0.000	−0.058	.	− 15V?	.	.		
932	3 11 56	+ 10 51	+74 24	+23	4.85 R	.	A0V	+0.021	−0.086	+.029	+ 10	.	.		
933	3 7 47	+ 6 51	+47 18	+23	6.32 R	.	A0	+0.005	−0.007	.	− 10	.	.		
934	3 3 36	+ 2 21	−59 45	+23	5.10	+0.35	dF2	−0.072	−0.061	+.018	+ 17	.	.		
935	3 6 34	+ 4 57	− 6 6	+23	5.28	+1.60	gM3	+0.004	−0.004	.	+ 17	6.9	15.2		
936	3 8 11	+ 6 31	+40 57	+23	2.2 H	.	B8V	+0.006	−0.001	+.031	+ 4V	8.3	82.2	5	*
937	3 9 4	+ 7 13	+49 37	+23	4.04	+0.60	G0V	+1.267	−0.081	+.084	+ 50	.	.		
938	3 7 26	+ 5 38	+17 53	+23	6.06 R	.	B2V	−0.024	+0.008	.	+ 28V	.	.		6
939	3 2 16	+ 0 13	−71 55	+23	5.52	−0.15	B8	+0.026	+0.018	.103D	+ 12	.0	.1		
940	3 8 21	+ 5 40	+18 48	+23	6.34 R	.	gM0	+0.048	−0.015	+.028	+ 43	.	.		
941	3 9 30	+ 6 45	+44 52	+23	3.89 R	.	K0III	+0.181	−0.155	+.029	+ 29	9.5	23.8		*
942	3 8 38	+ 5 21	+ 8 28	+23	6.29	+1.06	G9III	−0.016	+0.072	.	+ 38	.	.		
943	3 7 51	+ 4 16	−27 50	+23	6.18	+0.16	A2	+0.073	−0.016	.		.	.		
944	3 9 37	+ 6 1	+29 5	+23	5.62 R	+0.13	B7V	+0.020	−0.013	.	− 2	.	.		
945	3 10 8	+ 5 58	+27 50	+23	6.36 R	−0.02	A0V	+0.007	−0.046	.	− 5	.	.		
946	3 10 27	+ 5 56	+26 54	+23	6.02	+1.28	K3III	+0.005	+0.073	.	− 16	.	.		
947	3 11 17	+ 6 27	+39 37	+23	4.70 R	.	K0III	−0.022	+0.006	+.022	+ 7	.	.		
948	3 10 39	+ 5 28	+11 53	+23	5.87 R	−0.05	B8V	+0.041	−0.023	.		.	.		
949	3 12 26	+ 6 55	+47 45	+23	6.33	+1.43	K5III	+0.074	−0.077	.	− 36	.	.		
950	3 12 9	+ 6 36	+42 23	+23	5.98 R	−0.09	B8	+0.030	−0.012	.		.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
951	57 δ ARI	+19 477	19787	3805	657.	1756		VAR?	3 5 55	+19 21	162 36	−32 9
952		+12 452	19789	3803	.	1755			3 5 52	+12 40	167 36	−37 25
953		−24 1480	19826	3796	.				3 6 11	−24 7	214 38	−58 31
954	56 ARI	+26 523	19832	3821	.	1765		SX ARI	3 6 17	+26 53	157 40	−25 58
955		− 4 540	19836	3806	.	1757	2389		3 6 18	− 4 11	184 11	−49 18
956		+47 782	19845	3830	.	1770			3 6 27	+47 50	145 56	− 8 14
957		−16 587	19887	3811	.				3 6 38	−16 24	201 17	−55 48
958		+ 6 496	19926	3827	.	1769			3 7 8	+ 6 17	173 24	−42 0
959		−69 174	19940	3782	.				3 7 2	−69 39	287 5	−43 25
960		−49 884	19948	3809	.				3 7 12	−49 7	261 15	−55 35
961		+77 115	19978	3912	661.	1809	2450	VAR?	3 7 37	+77 22	130 40	+17 9
962	94 CET	− 1 457	19994	3838	663.	1775	2406		3 7 40	− 1 34	181 29	−47 21
963	α FOR	−29 1177	20010	3831	664.	1772	2402	VAR?	3 7 49	−29 23	224 47	−59 3
964		+56 798	20041	3870	.	1787	2424		3 8 8	+56 46	141 34	+ 0 25
965		+84 59	20084	4030	668.	1865			3 8 35	+84 33	126 30	+23 11
966		+41 638	20063	3864	.	1785			3 8 18	+42 8	149 14	−12 56
967		+65 338	20104	3893	.	1799	2436		3 8 46	+65 17	137 14	+ 6 55
968		−44 1025	20121	3845	.	1777	I		3 8 55	−44 48	253 51	−56 58
969		+50 729	20123	3883	671.1	1792			3 9 3	+50 34	144 53	− 5 40
970		−36 1208	20144	3851	.				3 9 6	−36 19	238 13	−58 46
971		+30 512	20149	3879	.	1791			3 9 15	+30 11	156 13	−22 52
972	58 ζ ARI	+20 527	20150	3872	.	1788			3 9 9	+20 40	162 23	−30 38
973		+44 648	20162	3884	.	1793			3 9 17	+44 58	147 52	−10 25
974		−30 1238	20176	3863	.				3 9 28	−30 11	226 23	−58 46
975		+32 591	20193	3885	.	1794	2431		3 9 36	+32 29	154 55	−20 55
976		+34 610	20210	3888	.	1796	2433		3 9 46	+34 19	153 52	−19 22
977		−57 513	20234	3857	.	1779			3 10 1	−57 42	273 19	−50 54
978		+31 576	20277	3904	.	1805			3 10 25	+31 49	155 28	−21 22
979		+39 743	20283	3914	.	1810	2443		3 10 40	+40 7	150 44	−14 24
980		−26 1210	20293	3887	.				3 10 42	−26 28	219 25	−58 1
981		−79 91	20313	3819	.	1763	I		3 10 56	−79 22	295 21	−36 3
982	30 PER	+43 674	20315	3923	.	1812			3 11 3	+43 39	148 51	−11 22
983		− 6 636	20319	3907	679.	1806	2440		3 11 4	− 6 17	187 51	−49 38
984	13 ζ ERI	− 9 624	20320	3899	678.	1802			3 10 59	− 9 11	191 34	−51 19
985		+65 340	20336	3947	680.	1824		VAR?	3 11 11	+65 17	137 27	+ 7 3
986		+38 690	20346	3927	.	1813			3 11 17	+38 56	151 30	−15 20
987	29 PER	+49 899	20365	3934	.	1819			3 11 30	+49 51	145 36	− 6 4
988	14 ERI	− 9 627	20395	3918	.	1811			3 11 45	− 9 31	192 11	−51 20
989	31 PER	+49 902	20418	3945	.	1823			3 12 0	+49 44	145 44	− 6 8
990		−31 1303	20423	3917	.				3 12 4	−31 12	228 23	−58 16
991		+33 619	20468	3948	683.	1825			3 12 28	+33 51	154 38	−19 27
992	95 CET	− 1 469	20559	3953	686.	1827	2459		3 13 15	− 1 18	182 31	−46 7
993		−29 1216	20606	3954	.				3 13 50	−29 9	224 36	−57 43
994	15 ERI	−22 1146	20610	3955	689.	1829	2463		3 13 57	−22 53	213 17	−56 28
995	59 ARI	+26 540	20618	3970	.	1839			3 13 57	+26 43	159 20	−25 7
996	96 κ CET	+ 2 518	20630	3969	691.	1838		VAR?	3 14 7	+ 3 0	178 13	−43 6
997		−19 651	20631	3959	692.	1831	2465		3 14 7	−18 55	206 37	−55 9
998		−48 900	20640	3952	.				3 14 11	−48 7	258 49	−54 56
999		+28 516	20644	3981	693.	1846			3 14 17	+28 41	158 8	−23 28
1000	60 ARI	+25 536	20663	3987	.	1848			3 14 30	+25 18	160 22	−26 11

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
951	3 11 38	+ 5 43	+19 44	+23	4.11 R	.	K2III	+0.152	−0.007	+.025	+ 25	.	.		G
952	3 11 22	+ 5 30	+13 3	+23	6.32 R	.	G6	−0.013	+0.017	.	+ 11	.	.		
953	3 10 35	+ 4 24	−23 44	+23	6.37	+0.92	G5	+0.058	+0.037	.		.	.		
954	3 12 15	+ 5 58	+27 16	+23	5.67 R	−0.09	A p	+0.012	−0.014	.	+ 11	.	.		
955	3 11 18	+ 5 0	− 3 48	+23	6.34 H	.	gM1	−0.012	−0.033	.	+ 24	5.6	22.2		1
956	3 13 24	+ 6 57	+48 13	+23	5.90	+0.97	gK1	+0.030	−0.021	.	− 7	.	.		
957	3 11 17	+ 4 39	−16 1	+23	6.25	+1.20	K0	−0.014	−0.015	.		.	.		
958	3 12 26	+ 5 18	+ 6 40	+23	5.57	+1.08	cG2	−0.007	+0.000	.	+ 5V	.	.		6
959	3 7 49	+ 0 47	−69 16	+23	6.14	+1.01	G5	−0.025	−0.014	.		.	.		
960	3 10 27	+ 3 15	−48 44	+23	6.11	+1.12	gK0	+0.028	−0.026	.		.	.		
961	3 20 20	+ 12 43	+77 44	+22	5.44	+0.20	A4n	+0.068	−0.053	+.012	+ 4	6.8	1.2	3	D
962	3 12 46	+ 5 6	− 1 12	+22	5.06	+0.58	F8V	+0.195	−0.059	+.049	+ 18	6.4	5.1		D
963	3 12 4	+ 4 15	−28 59	+24	3.86	+0.53	F8IV	+0.331	+0.642	+.070	− 21	3.0	5.3		D
964	3 15 48	+ 7 40	+57 8	+22	5.91 R	.	A0Ia	−0.001	+0.006	.	− 12	8.2	10.8		
965	3 32 19	+ 23 44	+84 54	+21	5.61	+0.92	G8II-III	+0.071	−0.129	+.022	+ 33V	.	.		
966	3 14 56	+ 6 38	+42 30	+22	6.05 R	.	G5	+0.072	+0.013	.	+ 22	.	.		
967	3 17 32	+ 8 46	+65 39	+22	6.32 R	.	A2	−0.005	+0.015	.005D	− 65	.6	.6	3	D
968	3 12 26	+ 3 31	−44 26	+22	5.92	+0.44	F6III	+0.089	+0.000	.025D	+ 34V	.6	1.1	3	D
969	3 16 12	+ 7 9	+50 56	+22	5.05	+1.15	G5II	−0.006	−0.015	+.012	+ 22	.	.		6
970	3 13 1	+ 3 55	−35 57	+22	6.26	−0.08	B9	−0.002	+0.001	.		.	.		
971	3 15 21	+ 6 6	+30 33	+22	5.50 R	+0.01	A1III?	−0.005	+0.008	.	− 3V	.	.		
972	3 14 54	+ 5 45	+21 2	+22	4.94 R	+0.02	A0IV-V	−0.025	−0.073	.	+ 7	.	.		
973	3 16 5	+ 6 48	+45 20	+22	6.24 R	.	gM2	+0.054	−0.043	.	− 3	.	.		
974	3 13 38	+ 4 10	−29 49	+22	6.15	+1.05	G5	+0.023	+0.002	.		.	.		
975	3 15 47	+ 6 11	+32 51	+22	6.29 R	.	F0	−0.033	+0.009	.	+ 14	6.2	45.2	3	
976	3 16 2	+ 6 16	+34 41	+22	6.24	+0.27	A m	+0.046	−0.033	.	+ 25V	5.5	30.8		R
977	3 12 33	+ 2 32	−57 20	+22	5.72 H	+2.10	Na	+0.010	+0.006	.	+ 14	.	.		
978	3 16 35	+ 6 10	+32 11	+22	5.92 R	.	sgG8	−0.015	−0.107	.	+ 19	.	.		
979	3 17 12	+ 6 32	+40 29	+22	6.38 R	.	A0	+0.017	−0.022	.004D	− 8	1.3	4.0		3
980	3 15 0	+ 4 18	−26 6	+22	6.24	+0.03	F0II	−0.022	−0.011	.		.	.		
981	3 7 32	− 3 24	−78 59	+23	5.56	+0.31	F0II	+0.076	+0.073	.	+ 3V	2.1	16.1		*
982	3 17 47	+ 6 44	+44 1	+22	5.46	−0.06	B8V	+0.035	−0.028	.	+ 0V	.	.		G
983	3 16 1	+ 4 57	− 5 55	+22	6.16	−0.03	B9n	+0.007	+0.000	+.035	+ 7	.2	.8		
984	3 15 50	+ 4 51	− 8 49	+22	4.80	+0.23	A m	−0.004	+0.048	+.020	− 7V	.	.		6
985	3 19 59	+ 8 48	+65 39	+22	4.78	−0.14	B2Ve	+0.020	−0.008	+.009	+ 20V	.	.		*
986	3 17 46	+ 6 29	+39 18	+22	5.95 R	+0.06	A3V	+0.027	−0.014	.	+ 27V?	.	.		
987	3 18 38	+ 7 8	+50 13	+22	5.15	−0.06	B3V	+0.031	−0.026	.	− 5V	.	.		G
988	3 16 36	+ 4 51	− 9 9	+22	6.14	+0.41	dF4	−0.006	+0.052	.	− 5	.	.		
989	3 19 7	+ 7 7	+50 6	+22	5.05	−0.06	B5V	+0.024	−0.025	.	+ 3	.	.		G
990	3 16 11	+ 4 7	−30 50	+22	6.64	−0.07	B9	+0.026	+0.008	.		.	.		
991	3 18 43	+ 6 15	+34 13	+22	4.81 R	.	K2II	+0.004	−0.012	+.010	+ 2	.	.		
992	3 18 22	+ 5 7	− 0 56	+22	5.39	+1.04	K1IV	+0.252	−0.047	+.006	+ 28	4.0	.7		D
993	3 18 3	+ 4 13	−28 47	+22	5.90	+0.34	dF0	+0.182	−0.010	.		.	.		
994	3 18 22	+ 4 25	−22 31	+22	4.87	+0.90	gG6	+0.019	+0.015	+.024	+ 24	2.6	.3		2
995	3 19 55	+ 5 58	+27 5	+22	5.86 R	.	sgG5	−0.024	−0.073	.	− 0	.	.		
996	3 19 22	+ 5 15	+ 3 22	+22	4.82	+0.68	G5V	+0.267	+0.096	+.105	+ 19	.	.		
997	3 18 41	+ 4 34	−18 33	+22	5.70	+0.38	dF2	+0.136	−0.049	+.022	+ 18V	3.4	6.8		*
998	3 17 26	+ 3 15	−47 45	+22	5.84	+1.24	gK0	−0.022	+0.024	.	− 9	.	.		
999	3 20 20	+ 6 3	+29 3	+22	4.56 R	.	K4III	+0.001	−0.014	−.009	− 2	.	.		
1000	3 20 26	+ 5 56	+25 40	+22	6.30 R	.	gK3	+0.019	−0.086	.	+ 26	.	.		

BS = HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
1001		+48 893	20675	4006	697.	1854			3 14 47	+48 43	146 40	− 6 45
1002	32 PER	+42 750	20677	4004	696.	1853		VAR?	3 14 44	+42 58	149 48	−11 35
1003	16 τ^4 ERI	−22 584	20720	3979	699.	1845	2472	VAR?	3 15 4	−22 7	212 5	−56 0
1004		−24 1578	20729	3983	.	1847			3 15 13	−24 29	216 13	−56 36
1005	61 τ ARI	+20 543	20756	4007	.	1855			3 15 27	+20 47	163 39	−29 39
1006	ζ^1 RET	−63 217	20766	3966	701.	1837			3 15 36	−62 57	279 9	−47 14
1007	97 CET	+ 3 461	20791	4010	.	1858			3 15 53	+ 3 19	178 19	−42 33
1008		−43 1028	20794	4000	703.	1851			3 15 56	−43 27	250 50	−56 9
1009		+64 391	20797	4034	704.	1867			3 15 59	+64 14	138 27	+ 6 26
1010	ζ^2 RET	−62 265	20807	3975	705.	1842			3 16 2	−62 53	279 2	−47 14
1011		+48 899	20809	4024	.	1862			3 16 8	+48 51	146 47	− 6 31
1012	62 ARI	+27 500	20825	4017	.	1859			3 16 12	+27 15	159 26	−24 23
1013		−27 1183	20853	4013	.				3 16 29	−26 58	220 45	−56 50
1014		−67 217	20888	3984	.				3 16 51	−67 17	283 50	−44 23
1015	63 ARI	+20 551	20893	4026	706.	1863			3 17 0	+20 23	164 16	−29 44
1016		−24 1600	20894	4018	.	1860			3 17 2	−24 0	215 33	−56 5
1017	33 α PER	+49 917	20902	4041	707.	1871		VAR?	3 17 11	+49 30	146 34	− 5 53
1018		−26 1257	20980	4031	.				3 17 58	−25 57	219 3	−56 19
1019		+33 636	20995	4052	.	1875	2514		3 18 14	+33 11	156 5	−19 19
1020		+53 657	21004	4066	.	1881			3 18 19	+53 34	144 30	− 2 22
1021		−48 930	21011	4027	.				3 18 20	−48 8	258 24	−54 17
1022	64 ARI	+24 481	21017	4051	.	1874			3 18 24	+24 22	161 47	−26 24
1023		+ 4 532	21018	4045	.	1872	2509		3 18 23	+ 4 31	177 43	−41 17
1024		− 8 643	21019	4043	709.		2507		3 18 25	− 8 9	191 48	−49 13
1025	ι HYI	−77 134	21024	3977	.	1844			3 18 27	−77 45	293 40	−37 0
1026		+40 736	21038	4063	.	1880			3 18 32	+40 54	151 34	−12 55
1027	65 ARI	+20 556	21050	4057	.	1877			3 18 40	+20 27	164 34	−29 27
1028		+12 473	21051	4056	.	1876			3 18 40	+12 17	170 51	−35 40
1029		+48 913	21071	4075	.	1885			3 18 51	+48 45	147 13	− 6 21
1030	1 o TAU	+ 8 511	21120	4070	711.	1882		VAR?	3 19 26	+ 8 41	174 7	−38 10
1031		−33 1202	21149	4060	.				3 19 44	−33 4	231 58	−56 43
1032		+71 201	21179	4116	.	1900			3 19 57	+71 31	134 42	+12 43
1033		+59 657	21203	4105	.	1894	2538		3 20 15	+59 54	141 15	+ 3 5
1034		+48 920	21278	4108	.	1897			3 20 56	+48 43	147 31	− 6 12
1035		+59 660	21291	4113	.	1899	2544	VAR?	3 20 58	+59 36	141 29	+ 2 53
1036		+18 484	21335	4103	.	1893			3 21 21	+18 24	166 38	−30 37
1037		+49 944	21362	4122	.	1902			3 21 42	+49 30	147 11	− 5 28
1038	2 ξ TAU	+ 9 439	21364	4107	716.	1896			3 21 45	+ 9 23	174 1	−37 16
1039		+12 477	21379	4109	.	1898			3 21 48	+12 23	171 28	−35 4
1040		+58 607	21389	4140	.	1913			3 21 55	+58 32	142 11	+ 2 3
1041		+33 656	21402	4120	.	1901			3 22 4	+33 28	156 36	−18 37
1042	χ^1 FOR	−36 1290	21423	4097	.			VAR?	3 22 4	−36 16	237 44	−56 10
1043		+58 608	21427	4145	.	1915	2563	VAR?	3 22 7	+59 1	141 56	+ 2 28
1044	34 PER	+49 945	21428	4133	719.	1910	2558		3 22 13	+49 10	147 26	− 5 42
1045		−27 1228	21430	4104	.				3 22 9	−27 40	222 23	−55 42
1046		+54 684	21447	4146	722.	1916	2565	VAR?	3 22 22	+55 6	144 9	+ 0 46
1047		+46 760	21455	4142	.	1914	2560		3 22 28	+46 36	148 55	− 7 48
1048	66 ARI	+22 495	21467	4126	.	1905	2552		3 22 36	+22 28	163 57	−27 18
1049		−42 1115	21473	4106	.				3 22 37	−41 59	247 47	−55 18
1050		−11 667	21530	4130	.	1908			3 23 15	−11 38	197 21	−50 1

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
1001	3 21 53	+ 7 6	+49 5	+22	6.10 R	.	dF5	+0.192	−0.069	+.015	+ 25	.	.		G
1002	3 21 26	+ 6 42	+43 20	+22	4.97 R	.	A3V	−0.057	−0.001	+.021	− 7V	.	.		
1003	3 19 31	+ 4 27	−21 45	+22	3.67	+1.58	gM3	+0.053	+0.038	−.017	+ 42	6.0	6.0	3	D
1004	3 19 35	+ 4 22	−24 7	+22	5.60	+1.66	gM2	+0.001	−0.021	.	+ 15	.	.		
1005	3 21 14	+ 5 47	+21 9	+22	5.18 R	.	B5Vp?	+0.034	−0.027	.	+ 14	.	.		G
1006	3 17 46	+ 2 10	−62 34	+23	5.53	+0.64	G2V	+1.332	+0.659	+.106	+ 12	.	.		D
1007	3 21 7	+ 5 14	+ 3 41	+22	5.68 R	.	gG8	+0.052	−0.021	.	+ 11	.	.		
1008	3 19 56	+ 4 0	−43 4	+23	4.26	+0.71	G5V	+3.056	+0.744	+.156	+ 87	.	.		
1009	3 24 40	+ 8 41	+64 35	+21	5.35 R	.	M0II	−0.001	+0.008	+.009	− 21	.	.		
1010	3 18 12	+ 2 10	−62 30	+23	5.23	+0.60	G1V	+1.328	+0.655	+.097	+ 12	.	.		D
1011	3 23 13	+ 7 5	+49 12	+21	5.28	−0.06	B5V	+0.024	−0.020	.	+ 5	.	.		G
1012	3 22 12	+ 6 0	+27 37	+22	5.54 R	.	gG5	+0.011	−0.012	.	+ 6	.	.		
1013	3 20 45	+ 4 16	−26 36	+22	6.38	+0.54	dF6	+0.040	+0.028	.		.	.		
1014	3 17 59	+ 1 8	−66 55	+22	6.04	+0.13	A2	+0.064	+0.011	.		.	.		
1015	3 22 45	+ 5 45	+20 44	+21	5.14 R	.	K3III	−0.042	−0.022	+.007	+ 2	.	.		
1016	3 21 24	+ 4 22	−23 38	+22	5.52	+0.88	G5II	−0.021	−0.026	.	+ 8	.	.		G
1017	3 24 20	+ 7 9	+49 51	+21	1.79	+0.48	F5Ib	+0.025	−0.024	+.029	− 2	.	.		G
1018	3 22 16	+ 4 18	−25 36	+21	6.34	+0.01	A0	+0.019	+0.008	.	+ 25V	.	.		
1019	3 24 29	+ 6 15	+33 32	+21	5.58 R	−0.03	B9.5V	+0.040	−0.028	.	+ 2	3.5	4.2	3	D
1020	3 25 48	+ 7 29	+53 55	+21	6.34 R	.	F0	+0.090	−0.028	.	− 4	.	.		
1021	3 21 34	+ 3 14	−47 47	+21	6.38	+1.00	K0	−0.009	−0.023	.		.	.		
1022	3 24 18	+ 5 54	+24 43	+21	5.58 R	.	gK4	+0.014	−0.045	.	+ 13	.	.		
1023	3 23 39	+ 5 16	+ 4 52	+21	6.39	+0.86	G0	+0.006	−0.004	.	+ 3	5.7	1.0		*
1024	3 23 18	+ 4 53	− 7 48	+21	6.19	+0.70	G0	+0.010	−0.218	+.030		5.6	3.6		D
1025	3 15 58	− 2 29	−77 23	+22	5.51	+0.44	F2	+0.108	+0.067	.	+ 19V?	.	.		
1026	3 25 9	+ 6 37	+41 15	+21	6.34 R	.	A0	−0.002	+0.002	.	− 19V?	.	.		6
1027	3 24 26	+ 5 46	+20 48	+21	6.03 R	−0.05	A0V	+0.000	−0.006	.	− 9	.	.		
1028	3 24 10	+ 5 30	+12 38	+21	6.12 R	.	K0	+0.015	−0.021	.	+ 21	.	.		
1029	3 25 57	+ 7 6	+49 6	+21	6.07	−0.07	B6V	+0.028	−0.022	.	+ 10	.	.		G
1030	3 24 49	+ 5 23	+ 9 2	+21	3.59	+0.89	G8III	−0.065	−0.075	+.011	− 21V	.	.		R
1031	3 23 45	+ 4 1	−32 43	+21	6.48	+1.38	K0	+0.018	+0.000	.		.	.		
1032	3 30 20	+ 10 23	+71 52	+21	6.66 R	.	M1	+0.015	+0.010	.	− 23	.	.		
1033	3 28 23	+ 8 8	+60 15	+21	6.45 R	+0.02	B8	+0.022	−0.017	.006D	+ 5	1.4	.4		2
1034	3 28 3	+ 7 7	+49 4	+21	4.97	−0.09	B3V	+0.026	−0.028	.	+ 7V	.	.		G
1035	3 29 4	+ 8 6	+59 57	+21	4.23	+0.40	B9Ia	+0.002	+0.000	.	− 7	4.3	2.5		G
1036	3 27 4	+ 5 43	+18 45	+21	6.42 R	+0.16	A3III	+0.048	+0.002	.	+ 31	.	.		
1037	3 28 53	+ 7 11	+49 51	+21	5.58	−0.04	B6V	+0.030	−0.026	.	+ 0V	.	.		G
1038	3 27 10	+ 5 25	+ 9 44	+21	3.74 R	−0.08	B8p	+0.059	−0.032	−.020	− 2V	.	.		R
1039	3 27 19	+ 5 31	+12 44	+21	6.19 R	−0.02	B9.5V	+0.007	−0.017	.	+ 15V	.	.		6
1040	3 29 54	+ 7 59	+58 53	+21	4.58?	+0.59	A0Ia	+0.009	+0.002	.	− 6V	.	.		*
1041	3 28 21	+ 6 17	+33 49	+21	5.59 R	+0.02	A2V	+0.040	−0.057	.	+ 6V	.	.		6
1042	3 25 56	+ 3 52	−35 55	+21	6.38	+0.08	A2	+0.023	−0.005	.		.	.		
1043	3 30 10	+ 8 3	+59 22	+21	6.04 R	.	A0	+0.040	−0.043	.004D	+ 11V?	1.0	2.9		2
1044	3 29 22	+ 7 9	+49 31	+21	4.66	−0.09	B5V	+0.027	−0.027	+.012	− 1	5.7	.7		*
1045	3 26 22	+ 4 13	−27 19	+21	5.91	+0.94	G5	+0.005	+0.053	.		.	.		
1046	3 30 0	+ 7 38	+55 27	+21	5.08	+0.05	A1V	−0.043	−0.007	+.018	+ 0	4.4	15.0	3	*
1047	3 29 27	+ 6 59	+46 57	+21	6.24	+0.13	B5V	+0.019	−0.035	.	− 1	4.6	27.9	6	G
1048	3 28 27	+ 5 51	+22 49	+21	6.00 R	.	sgG6	+0.001	−0.103	.	+ 49V?	6.2	1.4	3	D
1049	3 26 11	+ 3 34	−41 38	+21	6.32	+0.06	A1V	+0.009	+0.030	.	+ 12	.	.		
1050	3 28 1	+ 4 46	−11 17	+21	5.85 H	.	gK2	+0.001	−0.046	.	− 2	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
1051		+47 844	21551	4159	.	1925			3 23 33	+47 46	148 25	− 6 44
1052	35 σ PER	+47 843	21552	4158	726.	1924		VAR?	3 23 31	+47 39	148 29	− 6 50
1053		−70 230	21563	4093	.				3 23 37	−69 59	286 5	−42 9
1054	χ^2 FOR	−36 1306	21574	4129	.	1907			3 23 41	−36 2	237 17	−55 51
1055		+72 178	21610	4225	.	1953			3 24 15	+73 0	134 6	+14 7
1056		+48 938	21620	4177	.	1934		VAR?	3 24 20	+48 52	147 54	− 5 45
1057					.							
1058	χ^3 FOR	−36 1310	21635	4148	.		I		3 24 20	−36 12	237 34	−55 43
1059		+48 942	21661	4191	.				3 24 40	+49 4	147 50	− 5 33
1060		− 7 606	21665	4162	.				3 24 45	− 7 9	191 52	−47 21
1061	4 TAU	+10 452	21686	4173	732.	1931			3 24 56	+11 0	173 19	−35 33
1062		−13 662	21688	4164	.	1928			3 24 53	−13 1	199 33	−50 20
1063		+47 847	21699	4205	.	1946		VAR?	3 25 4	+47 41	148 40	− 6 40
1064		−69 192	21722	4124	.				3 25 8	−69 41	285 40	−42 15
1065		+27 515	21743	4194	.	1944	2582A		3 25 18	+27 14	161 12	−23 11
1066	5 TAU	+12 486	21754	4184	736.	1940			3 25 21	+12 36	172 4	−34 19
1067		+ 5 502	21755	4183	.	1939			3 25 27	+ 5 51	178 2	−39 5
1068		+58 619	21769	4223	.	1952	2592A		3 25 31	+58 26	142 38	+ 2 14
1069	36 PER	+45 778	21770	4210	737.	1948		VAR?	3 25 30	+45 43	149 52	− 8 14
1070	17 ERI	− 5 674	21790	4185	.	1941			3 25 39	− 5 25	189 57	−46 11
1071		+57 730	21794	4226	.	1954			3 25 46	+57 32	143 10	+ 1 31
1072		+44 734	21803	4217	.	1950		KP PER	3 25 47	+44 31	150 36	− 9 11
1073		+54 693	21819	4229	.	1956			3 26 2	+54 38	144 51	+ 0 51
1074		+34 674	21856	4222	.	1951			3 26 18	+35 7	156 19	−16 46
1075		−43 1085	21882	4188	.	1942			3 26 26	−42 59	249 14	−54 25
1076		−41 1029	21899	4199	.			VAR?	3 26 40	−41 42	247 3	−54 37
1077		+59 675	21903	4250	.	1964	2612		3 26 50	+59 42	142 3	+ 3 23
1078		+39 811	21912	4236	.	1960		IW PER	3 26 59	+39 34	153 43	−13 6
1079	6 TAU	+ 8 528	21933	4231	.				3 27 11	+ 9 2	175 31	−36 34
1080		+75 143	21970	4290	.	1988			3 27 21	+75 24	132 49	+16 11
1081		−47 1071	21981	4212	.			VAR?	3 27 24	−47 43	256 53	−53 0
1082		−26 1333	21997	4227	.				3 27 37	−25 57	219 50	−54 11
1083	κ RET	−63 234	22001	4200	740.	1945	I		3 27 38	−63 17	278 22	−45 56
1084	18 ϵ ERI	− 9 697	22049	4244	742.	1962			3 28 13	− 9 48	195 52	−48 2
1085		+17 575	22072	4253	743.	1968			3 28 26	+17 30	168 48	−30 12
1086	7 TAU	+23 473	22091	4257	744.	1969	2616		3 28 31	+24 8	163 57	−25 9
1087	37 ψ PER	+47 857	22192	4287	.	1984			3 29 23	+47 52	149 10	− 6 6
1088	19 τ^5 ERI	−22 628	22203	4258	.	1970			3 29 22	−21 58	213 31	−52 48
1089		+ 5 511	22211	4270	.	1976			3 29 30	+ 6 5	178 42	−38 11
1090		−50 1071	22231	4251	.	1965			3 29 36	−50 43	261 18	−51 39
1091		−10 704	22243	4272	.				3 29 49	−10 12	196 41	−47 54
1092		−66 195	22252	4238	.				3 29 50	−66 50	282 15	−43 41
1093		−31 1450	22262	4266	.		I		3 29 55	−31 25	229 14	−54 29
1094		+56 826	22316	4315	.				3 30 28	+56 36	144 14	+ 1 7
1095		−32 1358	22322	4281	.		I		3 30 33	−32 13	230 38	−54 24
1096		−61 267	22382	4265	.				3 30 57	−61 21	275 44	−46 41
1097		+42 795	22402	4316	.	2003			3 31 14	+42 15	152 46	−10 27
1098		−11 696	22409	4296	.	1990			3 31 12	−11 32	198 40	−48 16
1099		+ 0 616	22468	4311	751.	1996	2644		3 31 39	+ 0 16	184 54	−41 34
1100	20 ERI	−17 699	22470	4305	752.	1993			3 31 44	−17 48	207 29	−50 52

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
1051	3 30 37	+ 7 4	+48 7	+21	5.82	−0.04	B8IV	+0.032	−0.029	.	+ 9V	.	.		G
1052	3 30 34	+ 7 3	+48 0	+21	4.47 R	.	K3III	+0.006	+0.022	+.002	+ 16	.	.		
1053	3 24 3	+ 0 26	−69 38	+21	6.14	+0.48	A3	+0.028	+0.017	.		.	.		
1054	3 27 33	+ 3 52	−35 41	+21	5.69	+1.30	K0	+0.068	−0.010	.	+ 30	.	.		
1055	3 35 13	+ 10 58	+73 20	+20	6.36 R	.	A0	+0.015	−0.020	.	− 9	.	.		
1056	3 31 29	+ 7 9	+49 13	+21	6.27 R	.	A0	−0.004	+0.001	.	− 23	.	.		
1057															
1058	3 28 11	+ 3 51	−35 51	+21	6.49	+0.13	A0	+0.024	−0.001	.		4.5	6.3		7
1059	3 31 50	+ 7 10	+49 25	+21	6.31 R	+0.09	B9	+0.014	−0.005	.		.	.		
1060	3 29 39	+ 4 54	− 6 49	+20	6.16 H	.	G5	−0.095	−0.100	.		.	.		
1061	3 30 24	+ 5 28	+11 21	+21	5.11 R	−0.03	B9.5V	−0.009	−0.016	−.003	+ 0	.	.		
1062	3 29 36	+ 4 43	−12 40	+21	5.58	+0.18	A4	+0.012	+0.005	.	+ 15	.	.		
1063	3 32 8	+ 7 4	+48 1	+20	5.46	−0.10	B8III	+0.020	−0.025	.	+ 1	.	.		G
1064	3 25 36	+ 0 28	−69 20	+21	5.95	+0.42	F5IV	−0.009	+0.063	.	+ 12V	.	.		
1065	3 31 20	+ 6 2	+27 34	+20	5.94 R	.	A0	+0.043	−0.027	.009D	+ 6	.5	11.4		D
1066	3 30 52	+ 5 31	+12 57	+21	4.15 R	.	K0II-III	+0.022	+0.000	−.015	+ 15V	.	.		R
1067	3 30 46	+ 5 19	+ 6 12	+21	5.95	+0.96	gG5	+0.030	−0.012	.	+ 11	.	.		
1068	3 33 32	+ 8 1	+58 46	+20	6.21 R	.	A2	+0.012	−0.053	.	+ 7	1.7	20.5	3	D
1069	3 32 26	+ 6 56	+46 3	+20	5.30	+0.39	F4III	−0.052	−0.068	+.028	− 45	.	.		
1070	3 30 37	+ 4 58	− 5 4	+21	4.72	−0.09	B8V	+0.016	+0.014	.	+ 15	.	.		
1071	3 33 41	+ 7 55	+57 52	+20	6.34 R	.	F5	−0.014	−0.001	.	− 72	.	.		
1072	3 32 39	+ 6 52	+44 51	+20	6.40	+0.03	B2IV	+0.014	−0.012	.	+ 4	.	.		G
1073	3 33 39	+ 7 37	+54 58	+20	5.83 R	.	A2	−0.045	−0.003	.	+ 14V	.	.		R
1074	3 32 40	+ 6 22	+35 27	+20	5.90	−0.07	B1V	−0.004	+0.001	.	+ 25	.	.		G
1075	3 29 55	+ 3 29	−42 38	+21	5.77	+0.21	A3	−0.080	−0.001	.	+ 12	.	.		
1076	3 30 14	+ 3 34	−41 22	+20	6.11	+0.48	F8V	−0.012	−0.176	.	+ 16	.	.		
1077	3 35 0	+ 8 10	+60 2	+20	6.40 R	.	dF4	−0.030	+0.016	.021D	+ 21	1.0	1.5	3	D
1078	3 33 35	+ 6 36	+39 54	+20	5.80 H	+0.11	A m	+0.009	−0.039	.	+ 4V	.	.		R
1079	3 32 36	+ 5 25	+ 9 22	+20	5.69 R	−0.07	B8	+0.033	−0.042	.		.	.		
1080	3 39 25	+ 12 4	+75 44	+20	6.20 R	.	G5	−0.010	+0.011	.	+ 28	.	.		
1081	3 30 37	+ 3 13	−47 23	+20	5.98	+0.11	A2V	+0.075	+0.018	.	− 12V	.	.		
1082	3 31 54	+ 4 17	−25 37	+20	6.37	+0.12	A0	+0.080	−0.015	.		.	.		
1083	3 29 23	+ 1 45	−62 56	+21	4.70	+0.39	F5V	+0.372	+0.371	+.052	+ 12	6.6	54.1		G
1084	3 32 56	+ 4 43	− 9 28	+20	3.73	+0.89	K2V	−0.975	+0.022	+.303	+ 15	.	.		R
1085	3 34 8	+ 5 42	+17 50	+20	6.26 R	.	dG7	+0.093	−0.315	+.024	+ 11	.	.		
1086	3 34 27	+ 5 56	+24 28	+20	5.90 R	+0.13	A3V	+0.011	−0.023	+.003	+ 29	.1	.7	3	D
1087	3 36 30	+ 7 7	+48 12	+20	4.21	−0.07	B5e	+0.027	−0.026	.	+ 0	.	.		G
1088	3 33 47	+ 4 25	−21 38	+20	4.26	−0.10	B8V	+0.044	−0.022	.	+ 14V	.	.		R
1089	3 34 49	+ 5 19	+ 6 25	+20	6.40 R	.	G0	−0.007	−0.014	.	− 11	.	.		
1090	3 32 35	+ 2 59	−50 23	+20	5.60 H	.	K3III	+0.076	+0.079	.	+ 40V	.	.		
1091	3 34 38	+ 4 49	− 9 52	+20	6.24	+0.01	A1	+0.018	−0.001	.		.	.		
1092	3 30 51	+ 1 1	−66 30	+20	5.82	−0.06	B7V	+0.008	+0.000	.		.	.		
1093	3 33 57	+ 4 2	−31 5	+20	6.19	+0.48	F5V	−0.027	+0.066	.024D	− 33	.6	.2		D
1094	3 38 20	+ 7 52	+56 56	+20	6.25 R	−0.12	B9	+0.025	−0.030	.		.	.		
1095	3 34 33	+ 4 0	−31 53	+20	6.40 H	.	K0	+0.008	+0.005	.		3.5	1.4		
1096	3 32 51	+ 1 54	−61 1	+20	6.29 H	.	G5	+0.077	+0.052	.		.	.		
1097	3 38 0	+ 6 46	+42 35	+20	6.32 R	−0.06	B8	+0.028	−0.020	.	− 1	.	.		
1098	3 35 58	+ 4 46	−11 12	+20	5.69 H	.	gG7	+0.029	+0.087	.	+ 37	.	.		
1099	3 36 47	+ 5 8	+ 0 36	+20	6.01 R	.	dG9	−0.025	−0.160	+.028	− 23V	2.2	6.5		*
1100	3 36 17	+ 4 33	−17 28	+20	5.22	−0.14	A0si	+0.023	−0.008	+.009	+ 14	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
1101	10 TAU	− 1 572	22484	4313	753.	1998			3 31 46	+ 0 5	185 7	−41 40
1102		+14 586	22522	4324	.	2009			3 32 11	+15 6	171 27	−31 22
1103		+20 602	22615	4341	.	2015			3 33 12	+20 35	167 26	−27 9
1104		−66 199	22634	4302	.				3 33 17	−66 6	281 8	−43 50
1105		+62 597	22649	4383	758.	2027			3 33 28	+62 54	140 50	+ 6 26
1106		−40 1008	22663	4329	759.	2010			3 33 30	−40 36	244 52	−53 31
1107		+86 51	22701	4693	760.	2233			3 33 55	+86 20	125 46	+24 55
1108		− 7 647	22675	4340	.	2014			3 33 36	− 7 43	194 17	−45 49
1109		−78 101	22676	4260	.	1973			3 33 37	−78 41	293 48	−35 48
1110		+16 484	22695	4348	.	2020	2661		3 33 46	+16 13	170 53	−30 17
1111	21 ERI	− 6 713	22713	4347	761.	2019			3 34 5	− 5 57	192 16	−44 45
1112		+59 699	22764	4408	.	2034	2691		3 34 28	+59 39	142 52	+ 3 54
1113		+37 811	22780	4387	.	2029		VAR?	3 34 37	+37 15	156 22	−14 3
1114	τ FOR	−28 1225	22789	4351	.				3 34 38	−28 16	224 10	−53 5
1115	12 TAU	+ 2 581	22796	4365	.	2022			3 34 39	+ 2 44	183 1	−39 26
1116		− 3 591	22798	4361	.				3 34 38	− 3 43	189 49	−43 23
1117		−10 717	22799	4358	.				3 34 38	−10 46	198 17	−47 10
1118	11 TAU	+24 529	22805	4382	.	2026			3 34 48	+25 0	164 32	−23 34
1119		− 1 519	22819	4370	.				3 34 54	− 1 27	187 23	−41 59
1120		−15 634	22905	4388	.				3 35 34	−15 33	204 50	−49 8
1121	22 ERI	− 5 715	22920	4395	.	2030			3 35 41	− 5 32	192 6	−44 12
1122	39 δ PER	+47 876	22928	4427	765.	2039		VAR?	3 35 48	+47 28	150 17	− 5 47
1123	40 PER	+33 698	22951	4420	.	2037	2699		3 36 2	+33 39	158 55	−16 43
1124		+66 284	23005	4463	767.	2065			3 36 33	+66 53	138 41	+ 9 49
1125		−12 689	23010	4415	.		R 581		3 36 29	−12 7	200 21	−47 24
1126	13 TAU	+19 578	23016	4430	.	2040			3 36 33	+19 23	168 59	−27 31
1127		+48 984	23049	4443	.	2047	2712		3 36 56	+48 13	149 59	− 5 4
1128		−20 687	23055	4418	.				3 36 54	−19 54	211 16	−50 28
1129		+62 604	23089	4470	772.	2074			3 37 17	+63 2	141 6	+ 6 48
1130		+45 804	23139	4459	.	2061			3 37 40	+45 47	151 33	− 6 56
1131	38 o PER	+31 642	23180	4461	776.	2063	2726	o PER	3 38 3	+31 58	160 22	−17 45
1132	14 TAU	+19 582	23183	4451	.	2058			3 38 0	+19 21	169 18	−27 19
1133		+36 742	23193	4464	.	2066			3 38 3	+36 9	157 38	−14 30
1134	δ FOR	−32 1430	23227	4439	.	2045			3 38 16	−32 15	230 53	−52 47
1135	41 ν PER	+42 815	23230	4474	784.	2076	2738	VAR?	3 38 24	+42 16	153 50	− 9 38
1136	23 δ ERI	−10 728	23249	4450	788.	2057			3 38 27	−10 6	198 7	−46 1
1137		+20 621	23258	4467	.	2072			3 38 39	+20 37	168 28	−26 16
1138		+70 257	23277	4530	790.	2123			3 38 49	+70 34	136 32	+12 52
1139		−10 729	23281	4460	.	2062			3 38 47	−10 48	199 3	−46 17
1140	16 TAU	+23 505	23288	4475	792.	2077			3 38 51	+23 58	166 2	−23 45
1141		+45 811	23300	4495	.	2092	2746		3 38 59	+45 22	152 0	− 7 7
1142	17 TAU	+23 507	23302	4477	793.	2079			3 38 56	+23 48	166 10	−23 51
1143		−37 1415	23319	4455	795.	2059	B		3 39 8	−37 38	239 47	−52 41
1144	18 TAU	+24 546	23324	4485	.	2085			3 39 12	+24 32	165 42	−23 16
1145	19 TAU	+24 547	23338	4486	.	2086			3 39 15	+24 9	165 59	−23 33
1146	24 ERI	− 1 526	23363	4481	.	2080			3 39 26	− 1 29	188 20	−41 6
1147		+55 824	23383	4518	.				3 39 42	+55 37	145 51	+ 1 5
1148	γ CAM	+70 259	23401	4557	802.	2147			3 39 48	+71 1	136 19	+13 16
1149	20 TAU	+23 516	23408	4500	.	2097		VAR?	3 39 52	+24 3	166 10	−23 32
1150	25 ERI	− 0 593	23413	4491	.	2089			3 39 50	− 0 37	187 29	−40 30

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
1101	3 36 52	+ 5 6	+ 0 24	+19	4.29	+0.57	F8V	−0.234	−0.479	+.054	+ 28	.	.		
1102	3 37 48	+ 5 37	+15 26	+20	6.61 R	.	A3	+0.017	−0.020	.	+ 33	.	.		
1103	3 39 0	+ 5 48	+20 55	+20	6.51	+0.15	A4III	+0.008	−0.026	.	− 5	.	.		
1104	3 34 25	+ 1 8	−65 46	+20	6.74	+0.17	A3m	+0.041	+0.009	.		.	.		
1105	3 42 9	+ 8 41	+63 13	+19	5.14 R	.	$S5_3$	−0.012	+0.020	+.003	− 22V	.	.		
1106	3 37 5	+ 3 35	−40 16	+20	4.57	+1.02	K0III	−0.017	−0.031	+.006	+ 12	.	.		
1107	4 10 3	+ 36 8	+86 38	+18	5.82 R	.	dF1	+0.154	−0.075	+.020	− 4	.	.		
1108	3 38 29	+ 4 53	− 7 23	+20	5.90 H	.	gG5	−0.009	−0.051	.	− 30	.	.		
1109	3 29 59	− 3 38	−78 21	+20	5.69	+0.93	K0	−0.008	−0.024	.	+ 10V	.	.		
1110	3 39 25	+ 5 39	+16 33	+20	6.19 R	.	gG5	+0.042	−0.033	.	+ 14	5.5	39.4		1
1111	3 39 1	+ 4 56	− 5 38	+19	5.96	+0.90	dK1	−0.013	−0.201	+.022	+ 40	.	.		
1112	3 42 43	+ 8 15	+59 58	+19	5.84 R	.	gK5	−0.001	+0.005	.	− 10	2.5	55.6	5	D
1113	3 41 8	+ 6 31	+37 34	+19	5.58	−0.06	B5	+0.026	−0.030	.	− 1	.	.		
1114	3 38 48	+ 4 10	−27 56	+20	6.00	−0.03	A0V	+0.018	+0.028	.	+ 39	.	.		
1115	3 39 52	+ 5 13	+ 3 4	+20	5.60 R	.	gG6	−0.034	+0.011	.	+ 21	.	.		
1116	3 39 38	+ 5 0	− 3 24	+19	6.24	+1.04	G5	−0.022	−0.070	.		.	.		
1117	3 39 25	+ 4 47	−10 27	+19	6.35 H	.	G5	−0.021	−0.101	.		.	.		
1118	3 40 47	+ 5 59	+25 19	+19	6.02 R	+0.06	A2V	+0.015	−0.010	.	+ 6V	.	.		6
1119	3 39 59	+ 5 5	− 1 8	+19	6.15 H	.	G5	+0.024	+0.020	.		.	.		
1120	3 40 11	+ 4 37	−15 14	+19	6.44 H	.	G5	+0.001	+0.008	.		.	.		
1121	3 40 38	+ 4 57	− 5 13	+19	5.52 H	−0.16	B8	−0.001	−0.004	.	+ 16	.	.		
1122	3 42 55	+ 7 7	+47 47	+19	2.99	−0.14	B5III	+0.030	−0.035	+.007	− 9V	.	.		G
1123	3 42 22	+ 6 20	+33 58	+19	4.96	−0.02	B0.5V	−0.001	−0.010	.	+ 19V	4.5	20.2		*
1124	3 46 1	+ 9 28	+67 12	+19	5.75 R	.	dF4	+0.098	−0.109	+.003	+ 6	.	.		
1125	3 41 14	+ 4 45	−11 48	+19	6.48	+0.37	F2	+0.072	+0.016	.		7.5	15.1		
1126	3 42 19	+ 5 46	+19 42	+19	5.56 R	−0.01	B8Ve?	+0.004	−0.012	.	− 10V	.	.		6
1127	3 44 7	+ 7 11	+48 32	+19	6.15 R	.	K4III	−0.002	−0.010	.	− 12	7.1	19.3	3	
1128	3 41 22	+ 4 28	−19 35	+19	6.58	+0.09	A0	−0.001	−0.002	.		.	.		
1129	3 46 2	+ 8 45	+63 21	+19	4.78	+0.81	F5+A	+0.000	−0.009	−.002	− 2V	.	.		
1130	3 44 41	+ 7 1	+46 6	+19	5.99 R	.	A5	−0.004	−0.037	.	+ 9	.	.		
1131	3 44 19	+ 6 16	+32 17	+19	3.82	+0.06	B1III	+0.011	−0.012	+.016	+ 19V	4.5	1.0		*
1132	3 43 47	+ 5 47	+19 40	+19	6.14	+1.01	K0III	+0.118	−0.054	.	+ 78	.	.		*
1133	3 44 31	+ 6 28	+36 28	+19	5.54 R	+0.06	A3III	+0.048	−0.035	.	+ 22	.	.		
1134	3 42 15	+ 3 59	−31 56	+19	4.99	−0.17	B5	−0.003	+0.015	.	+ 26V	.	.		
1135	3 45 12	+ 6 48	+42 35	+19	3.77	+0.43	F5II	−0.010	+0.002	+.014	− 13	8.0	31.4		
1136	3 43 14	+ 4 47	− 9 46	+20	3.55	+0.92	K0IV	−0.092	+0.744	+.109	− 6	.	.		
1137	3 44 28	+ 5 49	+20 56	+19	5.97 R	+0.00	A0V	+0.017	−0.020	.	+ 12V	.	.		6
1138	3 49 14	+ 10 25	+70 53	+19	5.41 R	.	A m	+0.029	−0.060	+.012	+ 17V	.	.		R
1139	3 43 34	+ 4 47	−10 29	+19	5.58	+0.24	A m	−0.015	−0.014	.	+ 16	.	.		
1140	3 44 48	+ 5 57	+24 17	+19	5.45	−0.05	B7IV	+0.015	−0.045	+.010	+ 3	.	.		*
1141	3 45 59	+ 7 0	+45 41	+19	5.60 R	−0.07	B9	+0.025	−0.018	.	+ 2	8.4	6.5		3
1142	3 44 52	+ 5 56	+24 7	+19	3.69	−0.11	B6III	+0.022	−0.045	+.019	+ 12	.	.		*
1143	3 42 50	+ 3 42	−37 19	+19	4.58	+1.20	gK2	−0.093	−0.071	+.021	+ 10	7.4	5.3		
1144	3 45 10	+ 5 58	+24 51	+19	5.64	−0.08	B8V	+0.023	−0.046	.	+ 4	.	.		G
1145	3 45 12	+ 5 57	+24 28	+19	4.29	−0.11	B6V	+0.022	−0.044	.	+ 6	.	.		*
1146	3 44 31	+ 5 5	− 1 10	+19	5.09 H	−0.09	B7IV	+0.003	−0.004	.	+ 39V	.	.		
1147	3 47 32	+ 7 50	+55 56	+19	5.99 R	−0.04	B9	+0.034	−0.014	.		.	.		
1148	3 50 22	+ 10 34	+71 19	+18	4.62 R	.	A3IV	+0.024	−0.036	+.006	− 1	.	.		
1149	3 45 49	+ 5 57	+24 22	+19	3.86	−0.07	B7III	+0.023	−0.045	.	+ 8	.	.		*
1150	3 44 57	+ 5 7	− 0 18	+19	5.84 H	.	K4III	+0.057	+0.003	.	+ 70	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
1151	21 TAU	+24 553	23432	4502	.	2100			3 39 57	+24 15	166 2	−23 22
1152	22 TAU	+24 556	23441	4506	.	2103			3 40 5	+24 13	166 5	−23 22
1153	29 TAU	+ 5 539	23466	4505	.	2102	2750		3 40 22	+ 5 44	181 17	−36 24
1154		−78 105	23474	4400	.				3 40 18	−78 39	293 30	−35 35
1155		+65 369	23475	4553	810.	2146		VAR?	3 40 22	+65 13	140 1	+ 8 45
1156	23 TAU	+23 522	23480	4512	.	2108			3 40 23	+23 38	166 34	−23 46
1157		−41 1119	23508	4490	.		I		3 40 34	−40 58	245 11	−52 9
1158		+62 612	23523	4560	.	2149			3 40 50	+62 59	141 27	+ 7 1
1159		+ 6 583	23526	4515	.	2111			3 40 49	+ 6 30	180 40	−35 49
1160		+50 825	23552	4544	.		2769		3 41 0	+50 26	149 10	− 2 54
1161		+56 846	23594	4562	.				3 41 21	+56 49	145 18	+ 2 11
1162	26 π ERI	−12 707	23614	4525	820.	2121		VAR?	3 41 25	−12 25	201 34	−46 29
1163		+33 717	23625	4548	.	2143	2772	VAR?	3 41 32	+33 18	160 4	−16 15
1164		+31 650	23626	4546	.	2141			3 41 32	+31 54	161 0	−17 20
1165	25 η TAU	+23 541	23630	4541	821.	2135			3 41 32	+23 48	166 40	−23 28
1166		+68 286	23662	4604	.				3 41 53	+68 12	138 16	+11 11
1167		−48 1069	23670	4511	.				3 41 47	−48 22	256 46	−50 31
1168		−54 589	23697	4510	.		I		3 42 1	−54 35	265 48	−48 28
1169		−47 1147	23719	4523	.	2120			3 42 9	−47 40	255 40	−50 38
1170		+43 818	23728	4572	.	2161			3 42 14	+43 39	153 31	− 8 7
1171	σ FOR	−29 1413	23738	4537	.		I		3 42 23	−29 39	226 49	−51 37
1172		+22 563	23753	4564	.	2152			3 42 26	+23 7	167 20	−23 50
1173	27 τ^6 ERI	−23 1565	23754	4547	827.	2142			3 42 33	−23 33	217 21	−50 19
1174	30 TAU	+10 486	23793	4568	.	2155	2778	VAR?	3 42 47	+10 50	177 10	−32 33
1175	β RET	−65 263	23817	4517	831.	2114			3 42 57	−65 7	279 15	−43 33
1176		+44 801	23838	4597	.	2181			3 43 7	+44 40	153 1	− 7 13
1177	42 PER	+32 667	23848	4592	832.	2177			3 43 13	+32 47	160 42	−16 26
1178	27 TAU	+23 557	23850	4586	834.	2171	2786	VAR?	3 43 13	+23 45	167 0	−23 15
1179		−30 1494	23856	4561	.				3 43 15	−30 12	227 44	−51 30
1180	28 TAU	+23 558	23862	4587	833.	2172		BU TAU	3 43 14	+23 50	166 57	−23 11
1181	28 τ^7 ERI	−24 1877	23878	4566	835.	2153			3 43 22	−24 11	218 23	−50 19
1182		− 0 602	23887	4584	.	2170			3 43 31	− 0 5	187 39	−39 27
1183		+23 563	23923	4603	.	2187			3 43 47	+23 25	167 21	−23 24
1184	ρ FOR	−30 1497	23940	4579	837.	2167		VAR?	3 43 54	−30 28	228 11	−51 24
1185		+21 535	23950	4610	.	2189			3 44 2	+21 57	168 29	−24 26
1186		−36 1453	23958	4581	.	2168			3 44 4	−36 25	237 45	−51 44
1187		−21 703	23978	4593	.	2178			3 44 12	−21 12	214 2	−49 17
1188		+25 624	23985	4616	.	2194	2799		3 44 18	+25 17	166 6	−21 56
1189		−38 1297	24071	4601	.	2185	IB	VAR?	3 44 54	−37 56	240 12	−51 32
1190		−38 1297	24072	4602	841.	2186	IA	VAR?	3 44 54	−37 56	240 12	−51 32
1191		+33 728	24131	4649	.	2208	B		3 45 30	+34 3	160 14	−15 9
1192		+57 752	24141	4668	.	2215			3 45 36	+57 41	145 13	+ 3 13
1193		+21 539	24154	4648	.	2206			3 45 44	+21 44	168 58	−24 20
1194		+12 516	24155	4643	.	2205			3 45 43	+12 45	176 6	−30 43
1195		−36 1467	24160	4624	845.	2197			3 45 43	−36 30	237 53	−51 24
1196		+71 222	24164	4691	.	2231			3 45 43	+71 31	136 22	+13 57
1197		+30 582	24167	4654	.	2211			3 45 50	+30 52	162 26	−17 32
1198		+48 1015	24240	4671	849.	2220			3 46 24	+48 21	151 9	− 3 59
1199	31 TAU	+ 6 594	24263	4662	.	2214	K		3 46 40	+ 6 14	182 4	−34 53
1200		−36 1476	24305	4651	.	2209			3 46 54	−36 44	238 16	−51 10

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
1151	3 45 55	+ 5 58	+24 34	+19	5.75	−0.04	B8V	+0.015	−0.041	.	− 0	.	.		*
1152	3 46 3	+ 5 58	+24 32	+19	6.41	−0.03	B9V	+0.018	−0.043	.	+ 0	.	.		G
1153	3 45 41	+ 5 19	+ 6 3	+19	5.36	−0.12	B3V	+0.022	−0.006	.	+ 13V?	6.2	65.3		*
1154	3 36 30	− 3 48	−78 20	+19	6.28	+1.15	K0	−0.010	+0.010	.		.	.		
1155	3 49 32	+ 9 10	+65 32	+19	4.49 R	.	gM1	−0.002	−0.008	+.012	− 3V	.	.		
1156	3 46 19	+ 5 56	+23 57	+19	4.16	−0.06	B6IVnn	+0.025	−0.044	.	+ 6	.	.		G
1157	3 44 6	+ 3 32	−40 39	+19	6.44	+1.05	K0	+0.002	−0.084	.	+ 19	2.9	6.6		3
1158	3 49 37	+ 8 47	+63 17	+18	5.93 R	.	A3	−0.013	−0.047	.	− 14V	.	.		6
1159	3 46 9	+ 5 20	+ 6 49	+19	5.99 R	.	G9III	+0.019	−0.068	.	− 26	.	.		
1160	3 48 23	+ 7 23	+50 45	+19	6.13	+0.06	B8	+0.018	−0.005	.		5.2	6.9		D
1161	3 49 20	+ 7 59	+57 7	+18	6.46 R	+0.06	B9	+0.021	−0.025	.		.	.		
1162	3 46 9	+ 4 44	−12 6	+19	4.42	+1.64	gM2	+0.047	+0.061	−.002	+ 46	.	.		
1163	3 47 53	+ 6 21	+33 37	+19	6.56	+0.07	B2V	−0.003	−0.003	.005D	+ 34V	2.5	3.5		*
1164	3 47 49	+ 6 17	+32 13	+19	6.15 R	.	G0	−0.028	−0.047	.	− 4	.	.		6
1165	3 47 29	+ 5 57	+24 7	+19	2.86	−0.09	B7III	+0.023	−0.044	+.005	+ 10	3.3	117.		*
1166	3 51 42	+ 9 49	+68 30	+18	6.32 R	−0.08	B8	+0.021	−0.011	.		.	.		
1167	3 44 51	+ 3 4	−48 3	+19	6.47	+1.01	K0	+0.022	−0.081	.		.	.		
1168	3 44 34	+ 2 33	−54 16	+19	6.28	+1.04	K0	+0.017	+0.064	.		3.0	6.0		7
1169	3 45 15	+ 3 6	−47 21	+19	5.66 H	.	gG8	−0.018	−0.020	.	− 2	.	.		
1170	3 49 8	+ 6 54	+43 58	+19	5.85 R	.	F0	+0.004	+0.022	.	− 15	.	.		
1171	3 46 28	+ 4 5	−29 20	+19	5.89	+0.12	A2	+0.000	+0.015	.		5.2	5.		D
1172	3 48 21	+ 5 55	+23 25	+18	5.44	−0.07	B8V	+0.026	−0.049	.	− 2V?	.	.		G
1173	3 46 51	+ 4 18	−23 15	+18	4.22	+0.43	F3V	−0.157	−0.524	+.053	+ 7	.	.		
1174	3 48 16	+ 5 29	+11 8	+18	6.00VR	.	B3V	+0.028	−0.020	.011D	+ 19	5.1	9.2		*
1175	3 44 12	+ 1 15	−64 48	+19	3.84	+1.14	K0IV	+0.305	+0.078	+.042	+ 51V?	.	.		R
1176	3 50 5	+ 6 58	+44 58	+18	5.66 R	.	gG5	−0.024	−0.028	.	+ 14V	.	.		6
1177	3 49 32	+ 6 19	+33 5	+18	5.10	+0.08	A2V	−0.025	−0.001	−.006	− 14V	.	.		*
1178	3 49 10	+ 5 57	+24 3	+18	3.62	−0.08	B8III	+0.019	−0.045	−.028	+ 9	3.0	.6		*
1179	3 47 19	+ 4 4	−29 54	+18	6.54	+0.50	dF7	+0.177	−0.065	.		.	.		
1180	3 49 11	+ 5 57	+24 8	+18	5.09	−0.08	B8p	+0.016	−0.049	−.014	+ 4	.	.		*
1181	3 47 40	+ 4 18	−23 52	+19	5.23	+0.07	A2	+0.042	+0.051	+.008	+ 29	.	.		
1182	3 48 39	+ 5 8	+ 0 13	+18	5.92	+1.24	gK3	+0.058	−0.004	.	+ 66	.	.		
1183	3 49 43	+ 5 56	+23 43	+18	6.16	−0.05	B9V	+0.018	−0.048	.	+ 2	.	.		G
1184	3 47 56	+ 4 2	−30 10	+18	5.53	+0.98	gG5	+0.026	−0.242	+.002	+ 53	.	.		
1185	3 49 55	+ 5 53	+22 15	+18	6.07	−0.01	B8III	+0.018	−0.037	.	+ 14	.	.		
1186	3 47 50	+ 3 46	−36 7	+18	6.20	−0.11	B8	+0.016	+0.010	.	+ 5	.	.		
1187	3 48 36	+ 4 24	−20 54	+18	5.80	+1.64	gK5	−0.014	−0.021	.	+ 3	.	.		
1188	3 50 19	+ 6 1	+25 35	+18	5.38 R	.	A3	+0.042	−0.108	.018D	+ 4	.3	.7		D
1189	3 48 35	+ 3 41	−37 38	+18	5.42 H	.	A0	+0.054	−0.011	.	+ 16	.5	8.6		D
1190	3 48 35	+ 3 41	−37 38	+18	4.86 H	.	A0	+0.074	−0.023	+.018	+ 16	.5	8.6		D
1191	3 51 54	+ 6 24	+34 21	+18	5.76	+0.00	B1V	+0.007	−0.007	.	+ 18	7.5	15.1		G
1192	3 53 43	+ 8 7	+57 59	+18	5.76 R	.	A m	+0.083	−0.097	.	− 5	.	.		
1193	3 51 37	+ 5 53	+22 2	+18	6.67 R	.	K0III	+0.017	−0.019	.	+ 63	.	.		
1194	3 51 16	+ 5 33	+13 3	+18	6.16 R	−0.05	B9II-III	+0.022	−0.028	.	+ 16	.	.		
1195	3 49 28	+ 3 45	−36 12	+18	4.16	+0.94	G5III	−0.051	−0.049	+.018	+ 2	.	.		G
1196	3 56 30	+ 10 47	+71 49	+18	6.34 R	.	F0	−0.048	+0.010	.	− 2	.	.		
1197	3 52 5	+ 6 15	+31 10	+18	6.16 R	.	A3	−0.022	−0.045	.	− 38	.	.		
1198	3 53 39	+ 7 15	+48 39	+18	5.79 R	.	gK2	+0.040	−0.029	+.017	+ 8	.	.		
1199	3 52 0	+ 5 20	+ 6 32	+18	5.58 R	+0.04	B9	+0.010	−0.004	.	+ 16	.1	.3		2
1200	3 50 38	+ 3 44	−36 26	+18	6.85	−0.04	B9	−0.001	+0.022	.	+ 6	.	.		

BS = HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
1201		+16 523	24357	4677	854.	2224			3 47 26	+17 2	172 56	−27 26
1202	30 ERI	− 5 769	24388	4675	.	2222	2832		3 47 45	− 5 40	194 30	−41 45
1203	44 ζ PER	+31 666	24398	4688	856.	2230	2843	VAR?	3 47 51	+31 35	162 17	−16 42
1204		+62 628	24479	4730	.	2255			3 48 36	+62 47	142 16	+ 7 25
1205		+60 768	24480	4727	859.	2251	2867		3 48 36	+60 49	143 32	+ 5 54
1206		−18 691	24497	4687	.				3 48 43	−18 43	211 3	−47 27
1207		+47 912	24504	4721	.	2247			3 48 46	+47 35	151 56	− 4 20
1208	γ HYI	−74 276	24512	4633	860.	2201			3 48 47	−74 33	289 9	−37 47
1209	X PER	+30 591	24534	4720	862.	2244	2859	X PER	3 49 8	+30 45	163 5	−17 9
1210	43 PER	+50 860	24546	4728	862.1	2252			3 49 10	+50 24	150 12	− 2 7
1211	32 ERI	− 3 631	24554	4705	.	2237	2850B		3 49 16	− 3 15	192 6	−40 7
1212	32 ERI	− 3 631	24555	4706	863.	2238	2850A		3 49 16	− 3 15	192 6	−40 7
1213	33 τ^8 ERI	−24 1945	24587	4698	.	2234			3 49 27	−24 54	219 59	−49 9
1214		−35 1455	24626	4701	.	2235			3 49 50	−35 2	235 35	−50 32
1215		+34 768	24640	4734	.	2257		VAR?	3 50 2	+34 47	160 28	−13 59
1216		−47 1187	24706	4711	.				3 50 27	−47 11	254 26	−49 23
1217		−12 752	24712	4729	.	2254			3 50 34	−12 24	202 59	−44 29
1218	32 TAU	+22 605	24740	4744	867.	2261			3 50 57	+22 11	169 35	−23 10
1219		−40 1128	24744	4724	.	2249	I	VAR?	3 50 53	−40 39	244 23	−50 14
1220	45 ε PER	+39 895	24760	4759	869.	2266	2888	VAR?	3 51 8	+39 43	157 21	−10 6
1221	33 TAU	+22 607	24769	4747	.				3 51 8	+22 53	169 6	−22 38
1222		+24 599	24802	4757	.	2265			3 51 27	+24 10	168 12	−21 39
1223		+34 773	24809	4767	.	2269			3 51 36	+34 32	160 53	−13 58
1224		+ 5 564	24817	4756	.	2264			3 51 42	+ 5 45	183 29	−34 14
1225		−10 793	24832	4751	.				3 51 50	−10 3	200 18	−43 7
1226		+38 827	24843	4770	.	2272			3 51 50	+38 33	158 14	−10 54
1227		−53 628	24863	4735	.		I		3 51 56	−52 59	262 48	−47 38
1228	46 ξ PER	+35 775	24912	4779	872.	2275		VAR?	3 52 28	+35 30	160 22	−13 7
1229		+38 829	24982	4784	.	2278	2910		3 53 1	+38 32	158 25	−10 46
1230		+80 125	25007	4894	877.	2326	2963		3 53 17	+80 25	130 31	+20 54
1231	34 γ ERI	−13 781	25025	4778	878.	2274	2904		3 53 22	−13 48	205 10	−44 29
1232		− 5 789	25069	4785	.	2279			3 53 57	− 5 45	195 41	−40 29
1233		+ 9 524	25102	4790	.	2282			3 54 12	+10 3	180 4	−30 59
1234		+36 805	25152	4809	.				3 54 41	+36 42	159 54	−11 55
1235		−12 766	25165	4791	.	2283			3 54 49	−12 51	204 11	−43 45
1236		−63 275	25170	4775	.				3 54 46	−63 46	276 46	−43 6
1237		+16 544	25175	4798	.				3 54 53	+17 1	174 20	−26 10
1238		+17 666	25202	4807	.	2291			3 55 3	+17 55	173 39	−25 31
1239	35 λ TAU	+12 539	25204	4805	883.	2290		λ TAU	3 55 8	+12 12	178 22	−29 24
1240	36 τ^9 ERI	−24 2022	25267	4801	886.	2288			3 55 40	−24 18	219 39	−47 38
1241		+68 303	25274	4874	.	2314			3 56 1	+68 24	139 9	+12 10
1242		+58 690	25291	4858	.	2306			3 56 7	+58 53	145 30	+ 5 2
1243		+ 9 528	25330	4830	.	2299	2938		3 56 19	+ 9 43	180 45	−30 49
1244	35 ERI	− 1 572	25340	4828	.	2298			3 56 28	− 1 50	191 53	−37 50
1245		−57 606	25346	4794	.				3 56 34	−57 23	268 30	−45 32
1246		−30 1597	25371	4824	.				3 56 41	−30 46	229 14	−48 43
1247	δ RET	−61 290	25422	4808	889.	2292			3 57 10	−61 41	274 2	−43 46
1248		+65 391	25425	4903	.	2329			3 57 17	+65 14	141 23	+ 9 53
1249		− 0 632	25457	4851	891.	2303			3 57 29	− 0 32	190 43	−36 53
1250		−51 975	25470	4826	.				3 57 34	−51 51	260 50	−47 9

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
1201	3 53 9	+ 5 43	+17 20	+18	5.97	+0.34	dF1	+0.147	−0.028	+.024	+ 35	.	.		G
1202	3 52 41	+ 4 56	− 5 22	+18	5.48	−0.11	B8	−0.010	−0.007	.018D	+ 15	5.1	8.3		7
1203	3 54 8	+ 6 17	+31 53	+18	2.83	+0.13	B1Ib	+0.010	−0.011	+.007	+ 21	6.6	12.9	5	*
1204	3 57 26	+ 8 50	+63 5	+18	4.87 R	−0.04	B9V	+0.005	+0.006	.	+ 5	.	.		
1205	3 57 8	+ 8 32	+61 7	+18	5.14 R	.	gK4	+0.002	−0.009	+.013	− 2	3.2	2.1		D
1206	3 53 12	+ 4 29	−18 25	+18	6.21	+0.88	F2	+0.004	+0.013	.		.	.		
1207	3 55 58	+ 7 12	+47 53	+18	5.35	−0.07	B6V	+0.019	−0.028	.	+ 10	.	.		
1208	3 47 14	− 1 33	−74 15	+18	3.24	+1.62	M0III	+0.051	+0.114	−.001	+ 16	.	.		G
1209	3 55 23	+ 6 15	+31 3	+18	6.08	+0.31	O pe	−0.009	−0.007	−.005	+ 17	6.0	23.3		*
1210	3 56 36	+ 7 26	+50 41	+17	5.27	+0.42	F5IV	+0.095	−0.129	+.036	+ 27V	.	.		*
1211	3 54 17	+ 5 1	− 2 57	+18	6.33 H	.	A1V	+0.028	+0.011	.	+ 18	2.0	7.0	3	D
1212	3 54 17	+ 5 1	− 2 57	+18	4.95 H	.	G8III	+0.028	+0.006	+.000	+ 27	2.0	7.0	3	D
1213	3 53 42	+ 4 15	−24 36	+18	4.63	−0.14	B5V	+0.022	−0.013	.	+ 23V	.	.		5
1214	3 53 39	+ 3 49	−34 44	+18	5.10	−0.14	B6IV	+0.032	−0.009	.	+ 18	.	.		
1215	3 56 29	+ 6 27	+35 5	+18	5.48	−0.03	B2V	+0.010	−0.001	.	+ 17V	.	.		G
1216	3 53 33	+ 3 6	−46 53	+18	5.93	+1.23	K3III	+0.029	−0.038	.	− 2V	.	.		
1217	3 55 16	+ 4 42	−12 6	+18	5.99	+0.33	A p	−0.056	−0.037	.	+ 22	.	.		
1218	3 56 52	+ 5 55	+22 28	+17	5.69 R	.	dF3	+0.071	−0.108	+.029	+ 32	.	.		
1219	3 54 23	+ 3 30	−40 21	+18	5.70	+0.60	F5+A3	−0.026	+0.006	.	+ 2V?	6.7	23.2	3	D
1220	3 57 51	+ 6 43	+40 0	+17	2.88	−0.17	B0.5V	+0.023	−0.028	−.001	− 1V	5.2	9.0	3	*
1221	3 57 4	+ 5 56	+23 10	+17	5.97 R	−0.01	B9.5IV	+0.012	−0.018	.		.	.		
1222	3 57 26	+ 5 59	+24 27	+17	6.21 R	.	K0	+0.004	−0.011	.	− 13	.	.		
1223	3 58 2	+ 6 26	+34 49	+17	6.36 R	.	A5	+0.018	−0.018	.	− 2	.	.		
1224	3 57 1	+ 5 19	+ 6 2	+17	6.03 R	.	A0	+0.036	−0.064	.	+ 8	.	.		
1225	3 56 38	+ 4 48	− 9 46	+17	6.18	+0.28	F0	+0.046	+0.019	.		.	.		
1226	3 58 29	+ 6 39	+38 50	+17	6.28 R	.	gK1	+0.042	−0.041	.	+ 22	.	.		
1227	3 54 34	+ 2 38	−52 42	+17	6.45	+0.16	A2	+0.022	−0.044	.		7.1	22.8		7
1228	3 58 57	+ 6 29	+35 47	+17	4.03	+0.01	O7	+0.009	−0.001	−.009	+ 70V	.	.		G
1229	3 59 40	+ 6 39	+38 49	+17	6.16 R	+0.10	A1V	−0.002	+0.000	.005D	− 2	2.7	1.9		2
1230	4 10 2	+ 16 45	+80 41	+16	5.18 R	.	gG8+A7	−0.011	+0.001	+.004	+ 4	.9	1.0		2
1231	3 58 2	+ 4 40	−13 31	+17	2.96	+1.59	M0III	+0.064	−0.109	+.003	+ 62	9.5	53.0		
1232	3 58 53	+ 4 56	− 5 28	+17	5.96 H	.	dG9	−0.054	−0.176	.	+ 36	.	.		
1233	3 59 41	+ 5 29	+10 20	+17	6.37	+0.42	dF3	+0.172	+0.008	.	+ 40	.	.		G
1234	4 1 14	+ 6 33	+36 59	+17	6.30 R	−0.02	B9.5V	−0.018	+0.015	.		.	.		
1235	3 59 30	+ 4 41	−12 34	+17	5.90 H	.	gK5	−0.012	−0.029	.	− 5	.	.		
1236	3 56 4	+ 1 18	−63 29	+17	6.04 H	.	K0	+0.069	+0.049	.		.	.		
1237	4 0 36	+ 5 43	+17 18	+17	6.28 R	+0.06	B9.5V	+0.003	−0.034	.		.	.		
1238	4 0 49	+ 5 46	+18 12	+17	5.89	+0.32	A9n	+0.134	−0.033	.	+ 25V	.	.		*
1239	4 0 40	+ 5 32	+12 29	+17	3.8 H	.	B3V	−0.006	−0.010	−.009	+ 15V	.	.		R
1240	3 59 56	+ 4 16	−24 1	+17	4.63	−0.13	A si	+0.010	+0.012	+.010	+ 24V	.	.		R
1241	4 6 4	+ 10 3	+68 41	+17	5.99 R	.	K2	+0.013	+0.012	.	− 47	.	.		
1242	4 4 27	+ 8 20	+59 10	+17	5.03	+0.50	F0II	+0.001	+0.002	.	− 20	.	.		
1243	4 1 46	+ 5 27	+10 0	+17	5.68	+0.02	B8	+0.006	−0.003	.	+ 3	6.0	12.0		7
1244	4 1 32	+ 5 4	− 1 33	+17	5.25 H	.	B5V	+0.021	−0.011	.	+ 16V?	.	.		G
1245	3 58 43	+ 2 9	−57 6	+17	6.04	+0.44	F2III	+0.028	+0.006	.		.	.		
1246	4 0 40	+ 3 59	−30 29	+17	5.92	+0.03	A0V	+0.046	+0.011	.	+ 21	.	.		
1247	3 58 45	+ 1 35	−61 24	+17	4.55	+1.62	M2III	+0.008	−0.012	−.008	− 1	.	.		
1248	4 6 39	+ 9 22	+65 30	+16	5.97 R	.	A2	+0.035	−0.016	.	− 3	.	.		
1249	4 2 37	+ 5 8	− 0 16	+16	5.38	+0.50	F6V	+0.150	−0.247	+.053	+ 18	.	.		
1250	4 0 15	+ 2 41	−51 34	+17	6.42 H	+1.64	M1	+0.020	+0.014	.		.	.		

BS = HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
1251	38 ν TAU	+ 5 581	25490	4862	892.	2309			3 57 50	+ 5 43	184 40	−33 4
1252	36 TAU	+23 609	25555	4886	895.	2320	2965		3 58 23	+23 50	169 40	−20 48
1253	40 TAU	+ 5 584	25558	4876	.	2315			3 58 27	+ 5 10	185 18	−33 17
1254		+ 7 592	25570	4883	896.	2319			3 58 32	+ 7 55	182 47	−31 33
1255		+53 732	25602	4922	.	2333			3 58 49	+53 45	149 10	+ 1 24
1256	37 TAU	+21 585	25604	4897	897.	2327			3 58 47	+21 49	171 16	−22 9
1257		+ 2 645	25621	4892	898.	2325			3 58 56	+ 2 33	187 54	−34 47
1258		−20 769	25631	4881	.	2318			3 59 0	−20 25	214 34	−45 45
1259		−20 770	25661	4888	.	2321			3 59 12	−20 26	214 37	−45 43
1260		+61 676	25638	4932	.	2345	2984A	SZ CAM	3 59 2	+62 4	143 40	+ 7 39
1261	47 λ PER	+49 1101	25642	4924	.	2336			3 59 8	+50 5	151 37	− 1 20
1262	39 TAU	+21 587	25680	4913	902.	2331			3 59 25	+21 44	171 26	−22 7
1263		−16 770	25700	4901	.				3 59 35	−16 51	209 55	−44 21
1264	γ RET	−62 312	25705	4855	.	2304		VAR?	3 59 27	−62 26	274 48	−43 13
1265		−13 806	25723	4907	.	2330			3 59 42	−13 4	205 10	−42 47
1266	ι RET	−61 293	25728	4861	906.	2308			3 59 41	−61 22	273 27	−43 38
1267		−20 774	25803	4920	.				4 0 17	−20 39	215 2	−45 33
1268	41 TAU	+27 633	25823	4937	.	2349			4 0 28	+27 20	167 25	−17 58
1269	42 ψ TAU	+28 619	25867	4944	.	2353			4 0 49	+28 44	166 27	−16 54
1270		+59 759	25877	4972	.	2369			4 0 59	+59 38	145 29	+ 6 0
1271		−85 44	25887	4694	.		I		4 0 55	−85 34	299 12	−30 33
1272		− 9 811	25910	4936	.				4 1 7	− 9 8	200 42	−40 40
1273	48 PER	+47 939	25940	4967	908.	2365		VAR?	4 1 24	+47 27	153 39	− 3 3
1274		−20 780	25944	4939	.				4 1 24	−20 47	215 20	−45 20
1275		−27 1540	25945	4938	909.	2350			4 1 30	−27 56	225 19	−47 12
1276		+54 740	25948	4977	.	2372			4 1 28	+54 34	148 55	+ 2 16
1277	49 PER	+37 881	25975	4966	910.	2364			4 1 39	+37 28	160 26	−10 25
1278	50 PER	+37 882	25998	4973	911.	2370			4 1 57	+37 47	160 15	−10 9
1279		+14 657	26015	4964	.	2362	2999	VAR?	4 2 2	+14 54	177 22	−26 20
1280		+16 560	26038	4971	.	2368	3006		4 2 16	+17 4	175 38	−24 51
1281		+71 239	26076	5029	.	2391			4 2 34	+71 52	137 9	+15 6
1282		+68 310	26101	5022	.	2387			4 2 48	+68 14	139 44	+12 28
1283	43 TAU	+19 672	26162	4995	916.	2379			4 3 20	+19 21	173 59	−23 6
1284		+13 648	26171	4994	.	2378			4 3 26	+13 8	179 6	−27 15
1285		−43 1304	26262	4981	.				4 4 8	−43 11	247 56	−47 35
1286		+33 807	26311	5018	.	2385			4 4 34	+33 19	163 46	−13 3
1287	44 TAU	+26 686	26322	5020	.	2386			4 4 44	+26 13	168 57	−18 6
1288		−16 796	26326	5009	.	2382			4 4 45	−16 39	210 19	−43 8
1289		+83 104	26356	5208	918.	2477			4 4 59	+83 34	128 24	+23 24
1290	37 ERI	− 7 758	26409	5027	.	2389			4 5 30	− 7 11	199 11	−38 46
1291		−46 1314	26413	5008	.		R 664		4 5 28	−46 8	252 13	−47 1
1292	45 TAU	+ 5 601	26462	5042	.	2395			4 6 1	+ 5 16	186 34	−31 44
1293		− 9 837	26464	5035	.	2393			4 5 59	− 9 5	201 24	−39 35
1294		−64 305	26491	5001	923.				4 6 16	−64 30	276 55	−41 39
1295		+16 569	26546	5061	.	2402			4 6 47	+17 2	176 27	−24 4
1296		+57 785	26553	5091	.	2410			4 6 49	+57 12	147 42	+ 4 43
1297		+22 649	26571	5066	.	2404			4 6 55	+22 9	172 25	−20 34
1298	38 o^1 ERI	− 7 764	26574	5056	925.	2401			4 6 59	− 7 6	199 20	−38 24
1299		−35 1588	26575	5046	.				4 7 3	−35 32	236 38	−47 4
1300		−20 801	26591	5055	.				4 7 13	−20 37	215 44	−42 0

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
1251	4 3 9	+ 5 19	+ 6 0	+17	3.90	+0.02	A1V	+0.006	−0.002	+.022	− 6	.	.		
1252	4 4 22	+ 5 59	+24 7	+17	5.56 R	.	F5+A	+0.000	−0.014	+.011	+ 18	6.5	25.8		
1253	4 3 45	+ 5 18	+ 5 27	+17	5.34	−0.08	B3V	+0.003	−0.007	.	+ 12	.	.		G
1254	4 3 57	+ 5 25	+ 8 12	+17	5.46	+0.36	dF2	+0.170	+0.026	+.022	+ 36	.	.		G
1255	4 6 37	+ 7 48	+54 1	+16	6.21 R	.	K0III-IV	+0.060	−0.098	.	− 8	.	.		
1256	4 4 42	+ 5 55	+22 5	+16	4.38 R	.	K0III	+0.092	−0.059	+.002	+ 9	.	.		
1257	4 4 10	+ 5 14	+ 2 49	+16	5.37	+0.50	F6IV	+0.150	−0.124	+.014	− 18	.	.		
1258	4 3 24	+ 4 24	−20 8	+17	6.46	−0.20	B3	+0.003	−0.010	.	+ 20	.	.		
1259	4 3 37	+ 4 25	−20 9	+17	7.39 H	.	cK2	+0.020	+0.010	.	+ 24	.	.		
1260	4 7 50	+ 8 48	+62 20	+16	7.04 H	.	B0II-III	−0.018	−0.008	.	− 9V	.1	18.3	5	*
1261	4 6 35	+ 7 27	+50 21	+16	4.29 R	−0.01	B9V	−0.007	−0.037	.	+ 6	.	.		
1262	4 5 20	+ 5 55	+22 0	+16	5.90	+0.62	dG1	+0.172	−0.135	+.069	+ 26	.	.		
1263	4 4 8	+ 4 33	−16 35	+16	6.49 H	.	K2	+0.102	−0.071	.		.	.		
1264	4 0 54	+ 1 27	−62 9	+17	4.46 H	+1.66	gM5	−0.002	+0.026	.	− 7V	.	.		
1265	4 4 23	+ 4 41	−12 48	+16	5.67 H	.	gK0	+0.009	+0.016	.	+ 32	.	.		
1266	4 1 18	+ 1 37	−61 5	+17	4.96	+1.42	gK4	+0.062	+0.093	+.005	+ 61	.	.		G
1267	4 4 41	+ 4 24	−20 23	+16	6.12	+1.16	K0	+0.028	−0.006	.		.	.		
1268	4 6 36	+ 6 8	+27 36	+16	5.19	−0.14	A si	+0.024	−0.052	.	− 2V	.	.		
1269	4 7 0	+ 6 11	+29 0	+16	5.32 R	.	dF1	−0.084	+0.006	.	+ 9	.	.		
1270	4 9 28	+ 8 29	+59 54	+16	6.32 R	.	G8II	+0.005	−0.003	.	− 14	.	.		
1271	3 42 30	− 18 25	−85 16	+18	6.40	−0.01	B9	+0.019	+0.014	.008D		1.5	2.3		2
1272	4 5 56	+ 4 49	− 8 52	+16	6.25	+0.06	A2	+0.036	+0.008	.		.	.		
1273	4 8 40	+ 7 16	+47 43	+16	4.02	−0.03	B3Vpe	+0.025	−0.030	+.015	+ 3	.	.		G
1274	4 5 47	+ 4 23	−20 31	+16	6.33	+0.92	G5	−0.020	+0.015	.		.	.		
1275	4 5 37	+ 4 7	−27 40	+16	5.57	+0.33	F0V	+0.198	+0.103	+.037	+ 61	.	.		
1276	4 9 22	+ 7 54	+54 50	+16	6.16 R	.	F2	+0.087	−0.092	.	− 5	.	.		
1277	4 8 16	+ 6 37	+37 44	+16	6.09	+0.95	K1III	−0.107	−0.192	+.022	− 40	.	.		
1278	4 8 37	+ 6 40	+38 3	+16	5.47 R	.	dF7	+0.168	−0.200	+.046	+ 25	1.7	.	3	D
1279	4 7 42	+ 5 40	+15 10	+16	6.01	+0.40	dF2	+0.135	−0.024	.007D	+ 36V?	2.8	3.9		*
1280	4 8 0	+ 5 44	+17 20	+16	5.92 R	.	gK5	+0.010	−0.016	.006D	− 31	3.1	4.6		3
1281	4 13 45	+ 11 11	+72 8	+16	6.02 R	.	K1III	+0.018	−0.022	.	− 4	.	.		
1282	4 12 52	+ 10 4	+68 30	+16	6.27 R	.	K0	−0.041	+0.030	.	− 24	.	.		
1283	4 9 10	+ 5 50	+19 37	+16	5.49 R	.	gK1	+0.109	−0.032	+.022	+ 24	.	.		
1284	4 9 1	+ 5 35	+13 24	+16	5.99 R	+0.04	B9.5V	+0.015	−0.009	.	− 25	.	.		
1285	4 7 26	+ 3 18	−42 55	+16	6.58	+0.93	G5	−0.011	+0.004	.		.	.		
1286	4 10 59	+ 6 25	+33 35	+16	5.76 R	.	cK5	+0.003	−0.016	.	+ 20	.	.		
1287	4 10 50	+ 6 6	+26 29	+16	5.40 R	.	dF3	−0.029	−0.034	.	+ 19	.	.		
1288	4 9 17	+ 4 32	−16 23	+16	5.35	−0.15	B3V	+0.001	+0.010	.	+ 14	.	.		
1289	4 28 13	+ 23 14	+83 49	+15	5.44 R	.	B5V	−0.009	+0.013	+.002	− 7	.	.		
1290	4 10 23	+ 4 53	− 6 55	+16	5.60 H	.	gG6	−0.003	−0.010	.	− 10V?	.	.		
1291	4 8 34	+ 3 6	−45 52	+16	6.58	+0.38	dF6	+0.075	+0.014	.		4.6	1.0	3	
1292	4 11 20	+ 5 19	+ 5 32	+16	5.73	+0.36	dF4	+0.149	+0.011	.	+ 37	.	.		G
1293	4 10 48	+ 4 49	− 8 49	+16	5.71	+1.06	gG9	+0.037	+0.012	.	+ 30	.	.		
1294	4 7 21	+ 1 5	−64 14	+16	6.37	+0.64	G0	+0.207	+0.327	+.030		.	.		
1295	4 12 31	+ 5 44	+17 17	+15	6.10 R	.	gK0	+0.054	−0.019	.	+ 28	.	.		
1296	4 15 2	+ 8 13	+57 27	+15	6.06 R	.	A2	+0.002	−0.010	.	− 23	.	.		
1297	4 12 51	+ 5 56	+22 24	+15	6.10 R	+0.19	B8II-III	−0.001	−0.010	.	+ 8V	.	.		6
1298	4 11 52	+ 4 53	− 6 50	+16	4.04	+0.32	F2III	+0.009	+0.087	+.028	+ 11	.	.		
1299	4 10 46	+ 3 43	−35 16	+16	6.44	+1.08	G5	−0.026	−0.034	.		.	.		
1300	4 11 36	+ 4 23	−20 21	+16	5.78	+0.17	A1p	+0.034	+0.041	.	− 13V	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
1301		+37 897	26605	5079	.	2407			4 7 20	+37 43	161 5	− 9 28
1302	δ HOR	−42 1400	26612	5051	928.	2398			4 7 29	−42 15	246 30	−47 2
1303	51 μ PER	+48 1063	26630	5099	929.	2413	3071	VAR?	4 7 33	+48 9	153 56	− 1 50
1304		+82 113	26659	5279	930.	2520			4 7 59	+83 6	128 50	+23 9
1305		+61 687	26670	5123	.	2429			4 8 5	+61 36	144 47	+ 8 2
1306	52 PER	+40 912	26673	5103	931.	2416			4 8 5	+40 14	159 27	− 7 33
1307		+ 9 549	26676	5088	.				4 8 6	+ 9 58	182 40	−28 25
1308		+ 8 651	26677	5087	.	2408	3063		4 8 5	+ 8 38	183 51	−29 16
1309	46 TAU	+ 7 617	26690	5089	932.	2409	3064		4 8 10	+ 7 28	184 55	−29 58
1310		+12 564	26703	5095	.	2411			4 8 16	+12 30	180 30	−26 46
1311	47 TAU	+ 8 652	26722	5100	933.	2414	3072		4 8 30	+ 9 1	183 35	−28 56
1312		− 1 600	26739	5097	.	2412			4 8 33	− 1 24	193 32	−35 5
1313		+57 787	26755	5139	.	2443			4 8 51	+57 37	147 36	+ 5 13
1314		+53 750	26764	5132	936.	2433			4 8 55	+53 22	150 32	+ 2 7
1315		+ 9 550	26793	5111	.	2425			4 9 8	+ 9 46	183 2	−28 21
1316		−44 1450	26820	5093	.				4 9 21	−44 37	249 55	−46 31
1317		+80 133	26836	5265	940.	2511			4 9 37	+80 35	130 54	+21 30
1318	39 ERI	−10 867	26846	5114	942.	2427	3079		4 9 38	−10 30	203 34	−39 27
1319	48 TAU	+15 603	26911	5137	.	2439		VAR?	4 10 6	+15 9	178 35	−24 43
1320	49 μ TAU	+ 8 657	26912	5134	.	2436			4 10 6	+ 8 39	184 12	−28 52
1321		+ 5 613	26913	5130	.	2432	3085B		4 10 6	+ 5 57	186 39	−30 31
1322		+ 5 614	26923	5135	.	2437	3085A		4 10 10	+ 5 57	186 40	−30 30
1323		−40 1286	26927	5112	.				4 10 10	−40 37	244 5	−46 35
1324	b PER	+49 1150	26961	5174	.	2457		b PER	4 10 43	+50 3	153 1	+ 0 6
1325	40 o^2 ERI	− 7 780	26965	5138	945.	2440	3093		4 10 40	− 7 49	200 42	−37 58
1326	α HOR	−42 1425	26967	5121	946.	2428			4 10 41	−42 32	246 52	−46 25
1327		+64 433	27022	5199	.	2471			4 11 16	+64 54	142 43	+10 39
1328		+41 844	27026	5177	.				4 11 13	+41 54	158 43	− 5 56
1329	50 ω TAU	+20 724	27045	5172	.	2455			4 11 24	+20 20	174 36	−21 2
1330		+49 1155	27084	5191	.	2466			4 11 43	+49 48	153 18	+ 0 10
1331	51 TAU	+21 618	27176	5189	.	2465			4 12 28	+21 20	173 59	−20 11
1332		− 6 862	27179	5183	.	2463			4 12 26	− 6 43	199 46	−37 2
1333		+50 973	27192	5207	.	2476		VAR?	4 12 37	+50 41	152 48	+ 0 34
1334		+ 9 558	27236	5195	.	2469			4 12 58	+ 9 15	184 10	−27 56
1335		+60 800	27245	5244	.	2498			4 13 6	+60 30	145 59	+ 7 40
1336	α RET	−62 332	27256	5164	949.	2450	I		4 13 8	−62 43	274 19	−41 39
1337		+41 852	27278	5220	.	2482			4 13 20	+41 34	159 14	− 5 54
1338	γ DOR	−51 1066	27290	5179	952.	2458		VAR?	4 13 24	−51 44	259 51	−44 47
1339	53 TAU	+20 733	27295	5210	.	2478			4 13 32	+20 54	174 31	−20 17
1340		−62 334	27304	5167	953.	2453	I		4 13 29	−62 27	273 58	−41 43
1341	56 TAU	+21 623	27309	5216	.	2480			4 13 41	+21 32	174 2	−19 50
1342		+56 905	27322	5253	.	2506			4 13 43	+56 16	149 2	+ 4 42
1343	54 PER	+34 860	27348	5235	.	2492			4 13 55	+34 20	164 28	−10 58
1344		+31 757	27349	5227	.	2487			4 13 48	+31 43	166 21	−12 49
1345		−21 831	27362	5202	.				4 13 54	−20 58	216 53	−42 38
1346	54 γ TAU	+15 612	27371	5226	.	2486		VAR?	4 14 6	+15 23	179 5	−23 50
1347	41 ERI	−34 1614	27376	5201	.	2472	I		4 14 7	−34 3	234 41	−45 29
1348	52 φ TAU	+27 655	27382	5240	.	2494	3137		4 14 12	+27 7	169 50	−15 57
1349		+ 9 562	27386	5221	.	2484			4 14 9	+ 9 53	183 48	−27 19
1350	53 PER	+46 872	27396	5256	.	2507		VAR?	4 14 19	+46 16	156 4	− 2 25

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
1301	4 13 59	+ 6 39	+37 58	+15	6.43 R	.	G9III	−0.054	−0.001	.	+ 29	.	.		
1302	4 10 51	+ 3 22	−41 59	+16	4.92	+0.33	dF0	+0.189	+0.066	+.006	+ 37	.	.		
1303	4 14 54	+ 7 21	+48 24	+15	4.13	+0.97	G0Ib	+0.010	−0.022	+.012	+ 8V	7.5	15.1	4	*
1304	4 30 0	+ 22 1	+83 20	+14	5.46	+0.87	G8III	−0.053	+0.106	+.012	− 38	.	.		
1305	4 16 54	+ 8 49	+61 51	+15	5.62 R	−0.14	B8	+0.016	−0.008	.	− 2	.	.		
1306	4 14 54	+ 6 49	+40 29	+15	4.79 R	.	G0+A5	+0.017	−0.025	+.002	− 2V	.	.		R
1307	4 13 35	+ 5 29	+10 13	+15	6.21 R	+0.04	B8	+0.046	−0.023	.		.	.		
1308	4 13 31	+ 5 26	+ 8 53	+15	6.42 R	.	A3	+0.016	−0.025	.	+ 8	6.0	55.3	3	D
1309	4 13 33	+ 5 23	+ 7 43	+15	5.32 R	.	F3V	−0.001	+0.009	+.025	+ 4V	.3	.1		D
1310	4 13 50	+ 5 34	+12 45	+15	6.31 R	.	K0	+0.020	−0.027	.	+ 48	.	.		
1311	4 13 56	+ 5 26	+ 9 16	+15	4.87 R	.	gG5	−0.009	−0.036	+.021	− 7	2.5	1.1	3	D
1312	4 13 38	+ 5 5	− 1 9	+15	6.46	−0.14	B5V	+0.007	+0.002	.	+ 15	.	.		
1313	4 17 8	+ 8 17	+57 52	+15	5.64 R	.	gK2	+0.034	−0.032	.	− 38	.	.		
1314	4 16 43	+ 7 48	+53 37	+15	5.07 R	.	A2	−0.009	−0.001	+.008	− 3V?	.	.		6
1315	4 14 36	+ 5 28	+10 1	+15	5.22	−0.10	B8	+0.003	−0.023	.	+ 7	.	.		
1316	4 12 32	+ 3 11	−44 22	+15	6.70	+1.47	K0	+0.037	+0.003	.		.	.		
1317	4 27 2	+ 17 25	+80 49	+14	5.33 R	.	gG6	+0.010	−0.020	+.012	− 9	.	.		
1318	4 14 23	+ 4 45	−10 15	+15	4.87	+1.17	K3III	−0.009	−0.160	+.011	+ 7	3.0	6.5	3	D
1319	4 15 47	+ 5 41	+15 24	+15	6.32	+0.40	dF2	+0.119	−0.029	.	+ 37	.	.		G
1320	4 15 32	+ 5 26	+ 8 54	+15	4.28 R	−0.05	B3V	+0.027	−0.023	.	+ 18	.	.		G
1321	4 15 25	+ 5 19	+ 6 12	+15	7.16 H	.	G5IV	−0.106	−0.105	.	− 8	1.0	66.8	4	D
1322	4 15 30	+ 5 20	+ 6 12	+15	6.54 H	.	G0IV	−0.060	−0.114	.	− 8	1.0	66.8	4	D
1323	4 13 36	+ 3 26	−40 22	+15	6.36	+1.47	G5	+0.000	+0.018	.		.	.		
1324	4 18 14	+ 7 31	+50 18	+15	4.54	+0.03	A2	+0.051	−0.055	.	+ 20V	.	.		*
1325	4 15 16	+ 4 36	− 7 40	+ 9	4.42	+0.82	K1V	−2.225	−3.418	+.200	− 42	5.2	83.5	5	D
1326	4 14 0	+ 3 19	−42 17	+15	3.85	+1.09	K1III	+0.038	−0.206	+.019	+ 22	.	.		
1327	4 20 41	+ 9 25	+65 9	+15	5.27	+0.81	G5III	−0.027	−0.002	.	− 19	.	.		G
1328	4 18 9	+ 6 56	+42 9	+15	6.10 R	−0.08	B8	+0.033	−0.034	.		.	.		
1329	4 17 16	+ 5 52	+20 35	+15	4.78 R	+0.25	A m	−0.041	−0.059	.	+ 16V?	.	.		R
1330	4 19 14	+ 7 31	+50 3	+15	5.40	+0.22	A5	+0.066	−0.053	.	− 17	.	.		
1331	4 18 23	+ 5 55	+21 35	+15	5.65	+0.28	dA8	+0.098	−0.035	.	+ 35	.	.		G
1332	4 17 19	+ 4 53	− 6 28	+15	6.09 H	.	gG8	−0.019	+0.005	.	− 2	.	.		
1333	4 20 12	+ 7 35	+50 56	+15	5.50 R	.	B2IV	+0.009	−0.004	.	− 18	.	.		G
1334	4 18 25	+ 5 27	+ 9 30	+15	6.50 R	.	A2	−0.022	−0.032	.	+ 28	.	.		
1335	4 21 48	+ 8 42	+60 44	+14	5.51 R	.	gM0	+0.058	−0.106	.	+ 29	.	.		
1336	4 14 25	+ 1 17	−62 28	+15	3.34	+0.91	G6II	+0.043	+0.048	+.008	+ 36	8.6	48.6		
1337	4 20 15	+ 6 55	+41 48	+14	6.02 R	.	gG5	+0.015	−0.026	.	+ 24	.	.		
1338	4 16 1	+ 2 37	−51 29	+15	4.24	+0.31	F5V	+0.101	+0.186	+.053	+ 27	.	.		
1339	4 19 26	+ 5 54	+21 9	+15	5.28 R	−0.05	A p	+0.034	−0.042	.	+ 10V	.	.		D
1340	4 14 48	+ 1 19	−62 12	+15	5.44	+1.10	gK1	+0.005	+0.088	+.001	+ 36	6.1	9.0		D
1341	4 19 36	+ 5 55	+21 46	+14	5.24 R	−0.14	A si	+0.033	−0.040	.	+ 12	.	.		D
1342	4 21 52	+ 8 9	+56 30	+14	5.87 R	.	A2	−0.011	+0.015	.	− 18V	.	.		
1343	4 20 25	+ 6 30	+34 34	+14	4.98 R	.	G8III	−0.020	−0.009	.	− 27	.	.		
1344	4 20 10	+ 6 22	+31 57	+14	6.20 R	.	K5	+0.006	−0.010	.	− 18	.	.		
1345	4 18 16	+ 4 22	−20 43	+15	6.36 H	.	M4	−0.013	+0.015	.		.	.		
1346	4 19 48	+ 5 42	+15 37	+14	3.66	+0.99	K0III	+0.119	−0.024	.	+ 39	.	.		G
1347	4 17 54	+ 3 47	−33 48	+15	3.55	−0.12	B8.5V	+0.062	−0.002	.	+ 18V	1.0	.6		*
1348	4 20 21	+ 6 9	+27 21	+14	4.92 R	.	K1III	−0.021	−0.079	.	+ 3	3.4	56.8		1
1349	4 19 38	+ 5 29	+10 7	+14	6.48 R	.	K0	+0.003	−0.038	.	− 27	.	.		
1350	4 21 33	+ 7 14	+46 30	+14	4.85 R	.	B6III	+0.022	−0.039	.	+ 1	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
1351	57 TAU	+13 663	27397	5234	.	2491			4 14 20	+13 48	180 27	−24 48
1352		+59 793	27402	5276	.	2517	3146		4 14 25	+59 23	146 54	+ 6 59
1353		−23 1856	27411	5211	.				4 14 21	−23 13	219 51	−43 13
1354		+18 624	27429	5246	.	2499			4 14 36	+18 30	176 37	−21 42
1355	ϵ RET	−59 324	27442	5194	958.	2468	R 698		4 14 45	−59 33	270 8	−42 28
1356	58 TAU	+14 682	27459	5252	.	2505			4 14 56	+14 51	179 40	−24 1
1357		−61 317	27463	5193	.		I		4 14 50	−61 12	272 19	−42 0
1358		+13 665	27483	5260	.	2509			4 15 15	+13 38	180 45	−24 45
1359		−34 1626	27490	5237	.		IA		4 15 17	−34 9	234 52	−45 15
1360		+ 5 631	27497	5259	.	2508			4 15 21	+ 5 54	187 36	−29 30
1361		+ 8 672	27505	5261	.	2510			4 15 22	+ 8 59	184 49	−27 38
1362		− 6 875	27536	5264	.				4 15 44	− 6 29	200 1	−36 13
1363		− 7 798	27563	5267	.				4 15 52	− 7 50	201 30	−36 51
1364		−44 1503	27588	5250	961.	2502	I		4 16 7	−44 30	249 36	−45 19
1365		−53 679	27604	5245	.				4 16 12	−53 6	261 35	−44 5
1366		− 0 687	27611	5280	962.		3152		4 16 20	− 0 20	193 45	−32 52
1367		−20 831	27616	5270	962.1	2513			4 16 17	−20 53	217 1	−42 5
1368	60 TAU	+13 668	27628	5287	.	2525			4 16 25	+13 50	180 47	−24 24
1369	59 χ TAU	+25 707	27638	5292	.	2528	3161		4 16 30	+25 24	171 30	−16 45
1370		+20 744	27639	5289	963.	2526	3158		4 16 30	+20 35	175 15	−19 59
1371		+42 946	27650	5305	.		3172		4 16 38	+42 12	159 14	− 5 1
1372		−63 316	27657	5233	.		IA	VAR?	4 16 33	−63 30	275 6	−41 1
1373	61 δ TAU	+17 712	27697	5304	965.	2535		VAR?	4 17 10	+17 18	178 1	−22 2
1374		−26 1642	27710	5290	966.		3159AB		4 17 22	−25 58	223 44	−43 18
1375		+20 751	27742	5317	.				4 17 39	+20 45	175 19	−19 40
1376	63 TAU	+16 586	27749	5315	.	2541			4 17 41	+16 33	178 43	−22 25
1377	55 PER	+33 853	27777	5329	.				4 18 0	+33 54	165 23	−10 40
1378	62 TAU	+23 684	27778	5322	.	2543	3179A		4 17 58	+24 4	172 46	−17 24
1379	56 PER	+33 854	27786	5335	969.	2553	3188	VAR?	4 18 8	+33 44	165 31	−10 45
1380	64 TAU	+17 714	27819	5328	970.	2547			4 18 20	+17 13	178 17	−21 52
1381	66 TAU	+ 9 570	27820	5325	971.	2544	3182		4 18 25	+ 9 14	185 6	−26 53
1382		+57 800	27855	5358	.	2571	3203		4 18 42	+57 21	148 45	+ 5 57
1383	42 ξ ERI	− 4 818	27861	5327	973.	2546			4 18 42	− 3 59	197 50	−34 19
1384		−25 1862	27881	5324	.				4 18 55	−25 7	222 44	−42 45
1385		+18 633	27901	5344	.	2562			4 19 7	+18 49	177 6	−20 41
1386		−35 1687	27941	5331	.		I		4 19 28	−35 47	237 17	−44 34
1387	65 κ TAU	+21 642	27934	5350	.	2565			4 19 24	+22 4	174 33	−18 30
1388	67 TAU	+21 643	27946	5351	.	2566			4 19 28	+21 58	174 39	−18 33
1389	68 TAU	+17 719	27962	5354	.	2567	3206		4 19 42	+17 42	178 7	−21 18
1390		+31 776	27971	5359	.	2574			4 19 44	+31 13	167 37	−12 15
1391	70 TAU	+15 621	27991	5356	974.1	2569	F		4 19 55	+15 43	179 47	−22 33
1392	69 υ TAU	+22 696	28024	5370	977.	2578			4 20 19	+22 35	174 18	−16 0
1393	43 ERI	−34 1664	28028	5349	978.	2564			4 20 17	−34 15	235 11	−44 14
1394	71 TAU	+15 625	28052	5375	979.	2580			4 20 39	+15 23	180 11	−22 37
1395	η RET	−63 324	28093	5333	980.	2552			4 20 48	−63 37	275 1	−40 32
1396	73 π TAU	+14 697	28100	5383	981.	2585			4 20 57	+14 29	180 59	−23 8
1397		+ 8 687	28114	5378	.	2582			4 20 56	+ 8 22	186 18	−26 55
1398		−35 1704	28143	5361	.		I		4 21 14	−34 59	236 14	−44 8
1399	72 TAU	+22 699	28149	5396	.	2589			4 21 19	+22 46	174 19	−17 42
1400		+ 1 753	28191	5399	.	2591			4 21 49	+ 1 52	192 29	−30 30

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
1351	4 19 58	+ 5 38	+14 2	+14	5.59	+0.28	A9n	+0.117	−0.020	.	+ 42V	.	.		*
1352	4 22 58	+ 8 33	+59 37	+14	6.13 R	.	A0	+0.035	−0.036	.	+ 12	2.8	32.5		2
1353	4 18 37	+ 4 16	−22 58	+15	6.06	+0.31	A m	+0.046	+0.032	.	− 1V	.	.		
1354	4 20 25	+ 5 49	+18 44	+14	6.11	+0.37	dF2	+0.111	−0.044	.	+ 42V	.	.		G
1355	4 16 28	+ 1 43	−59 19	+14	4.44	+1.08	gK1	−0.055	−0.165	+.058	+ 29V?	8.1	13.7		
1356	4 20 36	+ 5 40	+15 5	+14	5.26	+0.22	sgA8	+0.110	−0.023	.	+ 36V	.	.		G
1357	4 16 21	+ 1 31	−60 57	+15	6.36	+0.08	A0	+0.036	+0.020	.015D		1.1	1.3		D
1358	4 20 53	+ 5 38	+13 52	+14	6.17	+0.46	dF2	+0.114	−0.024	.	+ 37V	.	.		G
1359	4 19 3	+ 3 46	−33 55	+14	6.36	+0.12	A2	+0.010	−0.002	.007D		1.8	7.1		2
1360	4 20 41	+ 5 20	+ 6 8	+14	5.71 R	.	gG6	−0.016	−0.048	.	+ 7	.	.		
1361	4 20 49	+ 5 27	+ 9 13	+14	6.54	+0.15	A3	+0.055	+0.042	.	+ 39	.	.		
1362	4 20 39	+ 4 55	− 6 15	+14	6.33 H	.	G5	+0.103	−0.040	.		.	.		
1363	4 20 43	+ 4 51	− 7 36	+14	5.84	−0.15	B5III	+0.003	−0.004	.	+ 8	.	.		
1364	4 19 17	+ 3 10	−44 16	+14	5.33	+1.08	K0	+0.056	−0.046	−.002	+ 24	4.4	70.8		D
1365	4 18 40	+ 2 28	−52 51	+15	6.09	+0.48	F5IV	+0.051	+0.070	.		4.0	.6		7
1366	4 21 27	+ 5 7	− 0 6	+14	6.08 H	.	K2	−0.015	−0.120	+.005		5.0	197.8	3	D
1367	4 20 39	+ 4 22	−20 39	+14	5.31 H	.	A2V	+0.028	−0.007	+.001	+ 32	.	.		
1368	4 22 3	+ 5 38	+14 4	+14	5.72	+0.32	A m	+0.114	−0.025	.	+ 41V	.	.		*
1369	4 22 35	+ 6 5	+25 38	+14	5.38 R	−0.02	B9.5V	+0.020	−0.022	.	+ 20	2.1	19.9		3
1370	4 22 23	+ 5 53	+20 49	+14	6.04 R	.	gM0	+0.004	+0.000	+.012	− 9	3.1	2.4		2
1371	4 23 36	+ 6 58	+42 26	+14	5.96 R	−0.00	B9	+0.028	−0.032	.002D		.5	.7		2
1372	4 17 40	+ 1 7	−63 15	+15	6.20 H	.	B9	−0.002	+0.027	.		1.8	6.4		
1373	4 22 56	+ 5 46	+17 32	+14	3.76	+0.98	K0III	+0.110	−0.031	+.016	+ 38	.	.		G
1374	4 21 31	+ 4 9	−25 44	+14	5.95	+0.36	dF2	+0.045	−0.049	+.049	+ 17V	.0	.9	4	D
1375	4 23 33	+ 5 54	+20 59	+14	5.89 R	+0.03	B9V	+0.020	−0.029	.		.	.		
1376	4 23 25	+ 5 44	+16 47	+14	5.64	+0.30	A m	+0.107	−0.029	.	+ 35V	.	.		*
1377	4 24 29	+ 6 29	+34 8	+14	5.54 R	−0.07	B7V	+0.025	−0.045	.		.	.		
1378	4 24 0	+ 6 2	+24 18	+14	6.14 R	+0.16	B3V	+0.010	−0.010	.	+ 13	1.8	29.1	3	D
1379	4 24 37	+ 6 29	+33 58	+14	5.73 R	.	dF5	+0.047	−0.073	+.003	− 32	2.8	4.6		2
1380	4 24 6	+ 5 46	+17 27	+14	4.80	+0.16	A7V	+0.113	−0.039	+.016	+ 38V?	.	.		G
1381	4 23 52	+ 5 27	+ 9 28	+14	5.12	+0.07	A2	−0.015	−0.006	−.005	− 4	.0	.3		*
1382	4 27 0	+ 8 18	+57 35	+14	6.21 R	.	A0	+0.015	−0.018	.	− 1	7.0	22.1		1
1383	4 23 41	+ 4 59	− 3 45	+14	5.17	+0.08	A2V	−0.049	−0.057	+.007	− 11V?	.	.		G
1384	4 23 6	+ 4 11	−24 53	+14	5.82	+1.51	K5	+0.016	−0.017	.		.	.		
1385	4 24 57	+ 5 50	+19 3	+14	5.97	+0.37	A9n	+0.108	−0.045	.	+ 37	.	.		G
1386	4 23 8	+ 3 40	−35 33	+14	6.38	+1.23	G5	−0.011	+0.001	.		7.1	18.8		
1387	4 25 22	+ 5 58	+22 18	+14	4.22	+0.14	A7V	+0.100	−0.048	.	+ 40	.	.		*
1388	4 25 26	+ 5 58	+22 12	+14	5.28	+0.25	A5n	+0.113	−0.054	.	+ 32	.	.		*
1389	4 25 29	+ 5 47	+17 56	+14	4.30	+0.05	A2IV	+0.112	−0.029	.019D	+ 35	4.5	79.7		*
1390	4 26 6	+ 6 22	+31 27	+14	5.18 R	.	K1III	+0.077	−0.118	.	+ 28	.	.		
1391	4 25 38	+ 5 43	+15 57	+14	6.46	+0.49	dF5	+0.109	−0.029	+.041	+ 36	.1	.1		G
1392	4 26 18	+ 5 59	+22 49	+14	4.29	+0.27	F0III-IV	+0.108	−0.047	+.033	+ 35V	.	.		G
1393	4 24 2	+ 3 45	−34 1	+14	3.96	+1.49	M1III	+0.056	+0.052	−.014	+ 24	.	.		G
1394	4 26 21	+ 5 42	+15 37	+14	4.48	+0.25	F0V	+0.115	−0.023	+.003	+ 41V	.	.		*
1395	4 21 53	+ 1 5	−63 23	+14	5.18 H	+0.95	G7III	+0.081	+0.170	+.008	+ 45	.	.		G
1396	4 26 36	+ 5 39	+14 43	+14	4.81 R	.	G8III	+0.000	−0.033	+.013	+ 32	.	.		
1397	4 26 22	+ 5 26	+ 8 36	+14	6.06	+0.02	B5	+0.003	−0.014	.	+ 14	.	.		
1398	4 24 56	+ 3 42	−34 45	+14	6.54	+0.45	F5	−0.020	−0.106	.		3.4	42.6		D
1399	4 27 18	+ 5 59	+23 0	+14	5.37 R	.	B6V	+0.010	−0.017	.	+ 5	.	.		
1400	4 27 1	+ 5 12	+ 2 5	+13	6.24 R	.	K1III	+0.066	−0.044	.	+ 21	.	.		

BS = HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
1401		+72 227	28204	5478	.	2639	3267		4 21 55	+72 19	137 53	+16 29
1402		+10 577	28217	5408	.		3228		4 21 57	+10 59	184 9	−25 7
1403		+21 647	28226	5412	.	2597			4 22 5	+21 24	175 31	−18 28
1404		−44 1546	28246	5380	.				4 22 10	−44 23	249 21	−44 15
1405		−57 659	28255	5366	986.		IA		4 22 15	−57 18	266 55	−42 16
1406		+30 665	28271	5431	.	2606	3243A		4 22 33	+30 8	168 51	−12 33
1407	75 TAU	+16 605	28292	5427	.	2603		VAR?	4 22 43	+16 8	179 54	−21 46
1408	76 TAU	+14 702	28294	5425	.	2601			4 22 43	+14 31	181 15	−22 47
1409	74 ϵ TAU	+18 640	28305	5430	987.	2605			4 22 47	+18 58	177 35	−19 56
1410		−24 2343	28312	5409	.		3230		4 22 45	−24 18	222 0	−41 41
1411	77	+15 631	28307	5433	988.	2607			4 22 52	+15 44	180 15	−21 59
1412	78	+15 632	28319	5436	989.	2609			4 22 57	+15 39	180 20	−22 1
1413		+ 1 755	28322	5421	.	2600			4 22 52	+ 1 38	192 53	−30 25
1414	79 TAU	+12 598	28355	5443	.	2613			4 23 14	+12 50	182 46	−23 44
1415		+ 1 757	28375	5441	.	2611			4 23 22	+ 1 10	193 25	−30 34
1416		−61 335	28413	5398	.	2590			4 23 42	−61 28	272 11	−40 55
1417	1 CAM	+53 779	28446	5493	.	2647	3274A		4 24 6	+53 42	151 54	+ 3 57
1418		−47 1383	28454	5428	994.				4 24 10	−47 10	253 11	−43 43
1419		+32 806	28459	5472	.	2638			4 24 13	+32 14	167 31	−10 52
1420		+10 583	28475	5460	.				4 24 13	+10 18	185 8	−25 6
1421		−19 931	28479	5449	.	2622			4 24 15	−19 40	216 20	−39 55
1422	80 TAU	+15 636	28485	5467	995.	2633	3264		4 24 26	+15 25	180 47	−21 54
1423		−13 893	28497	5458	.	2628			4 24 28	−13 16	208 47	−37 25
1424		+39 1013	28503	5489	.		3273A		4 24 34	+39 48	162 0	− 5 37
1425		+ 9 590	28505	5468	.	2634			4 24 33	+10 3	185 24	−25 11
1426	δ MEN	−80 116	28525	5332	.	2551			4 24 44	−80 27	293 48	−32 54
1427		+15 637	28527	5480	996.	2640			4 24 50	+15 59	180 22	−21 28
1428	81 TAU	+15 639	28546	5482	.	2643			4 24 57	+15 28	180 49	−21 46
1429		−42 1510	28552	5451	.				4 24 53	−42 11	246 17	−43 48
1430	83 TAU	+13 690	28556	5483	.	2644			4 25 0	+13 30	182 29	−22 59
1431		−13 896	28625	5484	.				4 25 33	−13 49	209 33	−37 24
1432	85 TAU	+15 645	28677	5517	.	2654			4 26 9	+15 38	180 53	−21 26
1433		−46 1427	28700	5485	.				4 26 22	−46 44	252 33	−43 23
1434	57 PER	+42 990	28704	5541	.	2661			4 26 23	+42 51	160 1	− 3 17
1435		−62 357	28732	5464	.		I		4 26 36	−62 44	273 38	−40 12
1436		+ 5 674	28736	5531	.	2657			4 26 45	+ 5 12	190 8	−27 36
1437	45 ERI	− 0 713	28749	5528	999.	2656			4 26 46	− 0 16	195 21	−30 38
1438		−13 904	28763	5520	.		3284		4 26 49	−13 52	209 46	−37 9
1439		−35 1768	28776	5512	.		I		4 27 2	−35 52	237 37	−43 3
1440		+63 515	28780	5574	.	2676			4 27 2	+64 3	144 32	+11 18
1441		− 3 809	28843	5543	.				4 27 37	− 3 25	198 37	−32 7
1442		+17 750	28867	5551	.		3297		4 27 45	+17 48	179 20	−19 46
1443	δ CAE	−45 1567	28873	5527	.	2655			4 27 46	−45 10	250 23	−43 13
1444	86 ρ TAU	+14 720	28910	5558	1003.	2667			4 28 10	+14 38	182 3	−21 41
1445		+28 666	28929	5571	.	2673	3304		4 28 22	+28 45	170 46	−12 32
1446		+ 9 600	28930	5560	.	2668			4 28 21	+ 9 12	186 46	−24 57
1447		−11 900	28970	5557	.				4 28 39	−11 0	206 47	−35 31
1448		+ 5 679	28978	5570	.	2672			4 28 49	+ 5 22	190 19	−27 5
1449	46 ERI	− 7 838	29009	5569	.	2671	3305		4 29 2	− 6 57	202 28	−33 33
1450		− 7 841	29063	5578	.				4 29 22	− 7 2	202 37	−33 31

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
1401	4 33 31	+ 11 36	+72 32	+13	5.88 R	.	A m	+0.035	−0.079	.	+ 10V	7.0	39.6		*
1402	4 27 28	+ 5 31	+11 12	+13	5.83 R	+0.05	B7III	−0.003	−0.002	.003D		2.9	.7		2
1403	4 28 1	+ 5 56	+21 37	+13	5.72	+0.27	A m	+0.099	−0.038	.	+ 36V?	.	.		*
1404	4 25 19	+ 3 9	−44 9	+14	6.38	+0.45	F6V	+0.027	+0.067	.	+ 14	.	.		
1405	4 24 12	+ 1 57	−57 4	+14	6.28	+0.66	G0	−0.102	−0.078	+.035		.3	7.1		D
1406	4 28 52	+ 6 19	+30 21	+13	6.19BR	.	dF4	+0.014	−0.023	.	− 37V?	2.0	15.5	4	D
1407	4 28 26	+ 5 43	+16 21	+13	5.10 R	.	K2III	+0.009	+0.027	.	+ 18	.	.		
1408	4 28 23	+ 5 40	+14 44	+13	5.90	+0.32	dF0	+0.110	−0.023	.	+ 44V?	.	.		G
1409	4 28 37	+ 5 50	+19 11	+13	3.54	+1.02	K0III	+0.112	−0.038	+.018	+ 39	.	.		G
1410	4 26 57	+ 4 12	−24 5	+13	6.10	+0.14	A2	−0.004	−0.013	.019D		.5	1.1		2
1411	4 28 35	+ 5 43	+15 57	+13	3.85	+0.96	K0III	+0.105	−0.028	+.033	+ 40	.	.		G
1412	4 28 40	+ 5 43	+15 52	+13	3.41	+0.18	A7III	+0.105	−0.026	+.025	+ 40V	.	.		*
1413	4 28 3	+ 5 11	+ 1 51	+13	5.99 R	.	G9III	+0.027	+0.007	.	+ 30	.	.		
1414	4 28 50	+ 5 36	+13 3	+13	5.03	+0.23	A6n	+0.111	−0.013	.	+ 33	.	.		G
1415	4 28 32	+ 5 10	+ 1 23	+13	5.47 R	−0.11	B8	+0.016	−0.020	.	+ 18	.	.		6
1416	4 25 5	+ 1 23	−61 14	+14	5.94	+1.54	K5	−0.029	+0.014	.	− 19	.	.		
1417	4 32 1	+ 7 55	+53 55	+13	5.40BR	.	B0III	+0.002	−0.003	.006D	− 7V	1.1	10.6	3	D
1418	4 27 6	+ 2 56	−46 57	+13	6.10	+0.46	F8V	+0.056	−0.275	+.019	+ .18	.	.		
1419	4 30 38	+ 6 25	+32 27	+13	6.17 R	−0.05	B9.5V	+0.000	−0.012	.	+ 20	.	.		
1420	4 29 43	+ 5 30	+10 31	+13	6.55 R	+0.09	B9	+0.004	+0.003	.		.	.		
1421	4 28 39	+ 4 24	−19 27	+13	5.95	+1.22	gK1	+0.028	−0.086	.	+ 26	.	.		
1422	4 30 8	+ 5 42	+15 38	+13	5.58	+0.32	A6n	+0.104	−0.025	+.031	+ 30V	2.5	1.7		*
1423	4 29 7	+ 4 39	−13 3	+13	5.59	−0.24	B1Vne	+0.003	−0.004	.	+ 12	.	.		
1424	4 31 24	+ 6 50	+40 1	+13	6.17BR	+0.04	B8	−0.002	−0.015	.		.2	10.3		3
1425	4 30 2	+ 5 29	+10 16	+13	6.40 R	.	G8III	−0.006	−0.065	.	− 63	.	.		
1426	4 18 0	− 6 44	−80 13	+14	5.68	+0.84	K0p	+0.032	+0.063	.	− 20V	.	.		
1427	4 30 34	+ 5 44	+16 12	+13	4.78	+0.17	A7V	+0.109	−0.028	+.050	+ 38	.	.		G
1428	4 30 39	+ 5 42	+15 41	+13	5.48	+0.26	A7m	+0.105	−0.024	.	+ 39	.	.		G
1429	4 28 9	+ 3 16	−41 58	+13	6.40	+1.64	M1	−0.018	−0.005	.		.	.		
1430	4 30 38	+ 5 38	+13 43	+13	5.40	+0.26	dF1	+0.107	−0.022	.	+ 39	.	.		G
1431	4 30 10	+ 4 37	−13 36	+13	6.23	+1.00	G5	−0.026	+0.011	.		.	.		
1432	4 31 52	+ 5 43	+15 51	+13	6.02	+0.34	A9n	+0.104	−0.028	.	+ 36V	.	.		*
1433	4 29 20	+ 2 58	−46 31	+13	6.15	+1.06	g?G8	+0.039	+0.029	.		.	.		
1434	4 33 25	+ 7 2	+43 4	+13	6.02 R	.	dF1	+0.007	+0.003	.	− 23	.	.		
1435	4 27 46	+ 1 10	−62 31	+13	5.78 H	.	K0	−0.022	+0.013	.		6.2	10.3		
1436	4 32 5	+ 5 20	+ 5 25	+13	6.40	+0.41	dF4	+0.113	+0.012	.	+ 40	.	.		G
1437	4 31 53	+ 5 7	− 0 3	+13	4.91	+1.32	K3II-III	+0.003	−0.006	−.016	+ 17	.	.		
1438	4 31 26	+ 4 37	−13 39	+13	6.20	+0.11	A2	−0.012	−0.061	.		2.9	29.8		
1439	4 30 41	+ 3 39	−35 39	+13	5.95	+1.00	K0	−0.001	+0.035	.		8.2	36.6		
1440	4 36 25	+ 9 23	+64 16	+13	5.86 R	.	A0	−0.021	−0.014	.	− 16	.	.		
1441	4 32 37	+ 5 0	− 3 12	+13	5.91 H	−0.15	B9	−0.006	−0.003	.		.	.		
1442	4 33 32	+ 5 47	+18 1	+13	6.22 R	+0.06	B9Vn	+0.014	−0.025	.002D		.1	3.4		D
1443	4 30 50	+ 3 4	−44 57	+13	5.06	−0.20	B3V	+0.003	−0.005	.	+ 15	.	.		
1444	4 33 51	+ 5 41	+14 51	+13	4.66	+0.24	F0V	+0.102	−0.028	+.022	+ 38V	.	.		*
1445	4 34 38	+ 6 16	+28 58	+13	5.70 R	−0.05	A p	+0.005	−0.025	.	+ 13V	4.9	26.0	3	
1446	4 33 48	+ 5 27	+ 9 25	+13	6.02	+1.06	G8III	−0.015	−0.042	.	− 26	.	.		
1447	4 33 22	+ 4 43	−10 47	+13	6.24 H	.	K0	−0.006	+0.017	.		.	.		
1448	4 34 8	+ 5 19	+ 5 35	+13	5.68	+0.05	A2	−0.019	−0.010	.	− 7	.	.		G
1449	4 33 54	+ 4 52	− 6 44	+13	5.71	−0.14	B9	+0.000	−0.004	.	+ 2	4.8	1.5		D
1450	4 34 14	+ 4 52	− 6 50	+12	6.07	+1.39	K2	−0.018	−0.034	.		.	.		

BS = HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
1451	47 ERI	− 8 887	29064	5576	1007.	2679		VAR?	4 29 23	− 8 26	204 6	−34 11
1452		− 9 930	29065	5577	1008.	2680			4 29 24	− 9 11	204 54	−34 32
1453	50 υ^1 ERI	−30 1883	29085	5572	1009.	2674		VAR?	4 29 35	−29 58	229 51	−41 35
1454	58 PER	+40 1000	29094	5609	1011.	2690			4 29 46	+41 4	161 45	− 4 2
1455		+19 742	29104	5591	.	2685	3316		4 29 51	+19 41	178 8	−18 11
1456	ν MEN	−81 115	29116	5418	.				4 29 49	−81 48	295 4	−32 3
1457	87 α TAU	+16 629	29139	5605	1014.	2689	3321	VAR?	4 30 11	+16 18	180 58	−20 16
1458	88 TAU	+ 9 607	29140	5599	1015.	2686	3317	VAR?	4 30 10	+ 9 57	186 24	−24 8
1459		+23 715	29169	5611	.	2692			4 30 28	+23 8	175 28	−15 52
1460		−10 959	29173	5597	.		3318A		4 30 28	− 9 57	205 53	−34 39
1461		−20 880	29184	5592	.				4 30 38	−20 8	217 33	−38 40
1462		− 3 830	29227	5612	.	2693	3328		4 31 2	− 3 49	199 32	−31 35
1463	48 ν ERI	− 3 834	29248	5617	.	2697		ν ERI	4 31 19	− 3 33	199 18	−31 23
1464	52 υ^2 ERI	−30 1901	29291	5614	1017.	2694			4 31 40	−30 46	231 1	−41 19
1465	α DOR	−55 663	29305	5600	1018.	2687	I		4 31 50	−55 15	263 50	−41 25
1466	2 CAM	+53 794	29316	5659	1019.	2723	3358		4 32 3	+53 17	153 1	+ 4 32
1467	3 CAM	+52 865	29317	5658	1019.1	2722	3359		4 32 2	+52 53	153 19	+ 4 15
1468		+76 174	29329	5711	1020.	2755			4 32 8	+76 25	135 3	+19 39
1469		+ 0 798	29335	5627	.	2703			4 32 4	+ 0 48	195 8	−28 57
1470		+26 731	29364	5648	.	2714	3353	VAR?	4 32 19	+26 44	172 55	−13 13
1471		+20 785	29365	5644	.	2710			4 32 22	+20 29	177 53	−17 14
1472	89 TAU	+15 661	29375	5643	.	2709			4 32 26	+15 50	181 43	−20 08
1473	90 TAU	+12 618	29388	5645	1022.	2711			4 32 34	+12 19	184 44	−22 15
1474	51 ERI	− 2 963	29391	5635	1023.	2706	3350		4 32 34	− 2 40	198 36	−30 40
1475		−63 342	29399	5604	.		I	VAR?	4 32 32	−63 2	273 45	−39 28
1476		−30 1911	29435	5632	.				4 32 58	−30 55	231 17	−41 4
1477		+24 674	29459	5663	.	2728			4 33 17	+25 2	174 24	−14 9
1478	91 σ^1 TAU	+15 665	29479	5662	1026.1	2727			4 33 27	+15 36	182 4	−20 5
1479	92 σ^2 TAU	+15 666	29488	5666	1027.1	2730			4 33 33	+15 43	182 0	−19 59
1480		+ 7 681	29499	5665	.	2729			4 33 41	+ 7 40	189 0	−24 46
1481	53 ERI	−14 933	29503	5657	1028.	2721	R 764		4 33 36	−14 30	211 19	−35 54
1482		+48 1128	29526	5687	.	2741			4 33 56	+48 6	157 4	+ 1 16
1483		−12 955	29573	5669	1031.	2731			4 34 14	−12 19	208 58	−34 51
1484	93 TAU	+11 639	29589	5684	.	2738			4 34 29	+12 0	185 18	−22 4
1485		−83 91	29598	5506	.		I		4 34 29	−83 7	296 19	−31 15
1486		+59 826	29606	5709	.	2754	3391		4 34 38	+59 20	148 43	+ 8 50
1487		−14 936	29613	5678	1034.	2734			4 34 44	−14 33	211 31	−35 40
1488		− 1 689	29610	5682	.				4 34 42	− 1 15	197 31	−29 29
1489		+37 954	29645	5701	1035.	2749			4 35 2	+38 5	164 39	− 5 17
1490		+28 680	29646	5694	.	2746	3379		4 35 4	+28 25	172 1	−11 39
1491		+75 189	29678	5774	1037.	2780			4 35 22	+75 46	135 43	+19 24
1492	R DOR	−62 372	29712	5661	.	2726	I	R DOR	4 35 36	−62 16	272 40	−39 21
1493		+49 1230	29721	5726	.		B		4 35 45	+49 47	156 1	+ 2 37
1494	59 PER	+43 1043	29722	5719	1041.	2760			4 35 49	+43 10	160 57	− 1 48
1495		−24 2488	29737	5690	.	2744			4 35 57	−24 41	223 36	−38 55
1496	54 ERI	−19 988	29755	5695	1042.	2747	3380	VAR?	4 36 4	−19 52	217 48	−37 22
1497	94 τ TAU	+22 739	29763	5716	1043.	2759			4 36 15	+22 46	176 38	−15 5
1498		−51 1207	29805	5689	.				4 36 36	−51 52	259 14	−41 14
1499	95 TAU	+23 733	29859	5735	.	2765			4 37 10	+23 54	175 52	−14 12
1500		+40 1032	29866	5752	.	2769			4 37 17	+40 36	163 3	− 3 18

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
1451	4 34 12	+ 4 49	− 8 13	+13	5.45 H	.	gM3	−0.027	+0.007	+.000	− 12	.	.		
1452	4 34 11	+ 4 47	− 8 59	+12	5.27	+1.46	K4III	−0.037	−0.109	+.007	− 27V?	.	.		
1453	4 33 30	+ 3 55	−29 46	+12	4.50	+0.97	gG6	−0.107	−0.274	+.018	+ 20	.	.		
1454	4 36 42	+ 6 56	+41 16	+12	4.32 R	.	K0+A3	−0.011	−0.018	+.020	+ 5V	.	.		R
1455	4 35 43	+ 5 52	+19 53	+12	6.47 R	.	F8	+0.003	−0.018	.	− 2	.5	.3		*
1456	4 20 59	− 8 50	−81 34	+14	5.78	+0.36	A5m	+0.009	+0.131	.	+ 14	.	.		
1457	4 35 55	+ 5 44	+16 30	+12	0.86	+1.53	K5III	+0.069	−0.190	+.048	+ 54	10.2	121.7	6	*
1458	4 35 40	+ 5 30	+10 9	+12	4.26	+0.18	A m	+0.056	−0.045	+.030	+ 29V	4.0	69.8		*
1459	4 36 29	+ 6 1	+23 20	+12	6.02	+0.38	dF2	+0.116	−0.055	.	+ 43	.	.		G
1460	4 35 14	+ 4 46	− 9 45	+12	6.69 H	.	A0	+0.021	−0.021	.		1.0	12.9		D
1461	4 35 1	+ 4 23	−19 55	+13	6.11	+1.18	K0	+0.080	+0.084	.		.	.		
1462	4 36 1	+ 4 59	− 3 37	+12	6.29 H	−0.12	B9	−0.007	−0.011	.	+ 20	4.7	17.8	4	
1463	4 36 19	+ 5 0	− 3 21	+12	4.12 H	−0.21	B2III	+0.000	+0.001	.	+ 15V	.	.		R
1464	4 35 33	+ 3 53	−30 34	+12	3.81	+0.97	K0III	−0.054	−0.011	−.018	− 4	.	.		
1465	4 34 0	+ 2 10	−55 3	+12	3.26	−0.10	A0si	+0.051	−0.001	+.011	+ 26	7.2	82.3		1
1466	4 39 59	+ 7 56	+53 29	+12	5.36 R	.	A5n	+0.052	−0.092	+.018	+ 20	2.0	.3	4	D
1467	4 39 55	+ 7 53	+53 5	+12	5.14 R	.	K0III	+0.003	−0.014	−.006	− 41V	7.0	3.9		R
1468	4 46 0	+ 13 52	+76 36	+11	6.42 R	.	F5	+0.073	−0.132	+.014	− 6	.	.		
1469	4 37 13	+ 5 9	+ 1 0	+12	5.30 R	.	B7V	−0.004	−0.003	.	+ 24	.	.		
1470	4 38 30	+ 6 11	+26 56	+12	6.44 R	.	dF2+dF3	+0.051	−0.057	.021D	+ 4	.0	3.9		2
1471	4 38 16	+ 5 54	+20 41	+12	5.70 R	−0.04	B8V	−0.014	−0.007	.	− 14V	.	.		6
1472	4 38 10	+ 5 44	+16 2	+12	5.79	+0.31	dA8	+0.095	−0.024	.	+ 38	.	.		G
1473	4 38 9	+ 5 35	+12 31	+12	4.27	+0.12	A5V	+0.101	−0.012	+.018	+ 45V	.	.		*
1474	4 37 36	+ 5 2	− 2 28	+12	5.31 H	.	A4	+0.042	−0.058	+.026	+ 21	6.5	32.4		1
1475	4 33 35	+ 1 3	−62 50	+12	5.86 H	.	K0	−0.119	−0.026	.		2.5	32.4		
1476	4 36 51	+ 3 53	−30 43	+12	6.29	−0.11	B9IV-V	−0.018	+0.014	.	+ 15	.	.		
1477	4 39 23	+ 6 6	+25 14	+12	6.21 R	.	A3	+0.022	−0.004	.	+ 21	.	.		
1478	4 39 10	+ 5 43	+15 48	+12	5.13 R	+0.15	A m	+0.042	−0.073	+.021	+ 19V	.	.		R
1479	4 39 16	+ 5 43	+15 55	+12	4.68	+0.15	A5V	+0.084	−0.018	+.021	+ 37V	.	.		*
1480	4 39 6	+ 5 25	+ 7 52	+12	5.39	+0.25	dA9	+0.089	+0.002	.	+ 36V	.	.		G
1481	4 38 11	+ 4 35	−14 18	+12	3.86	+1.10	K2III	−0.073	−0.158	+.036	+ 42V	4.0	1.3		7
1482	4 41 24	+ 7 28	+48 18	+12	5.64 R	.	A0	+0.046	−0.044	.	+ 23	.	.		
1483	4 38 54	+ 4 40	−12 7	+12	5.00	+0.07	A2m	−0.054	−0.009	+.034	+ 7	.	.		
1484	4 40 3	+ 5 34	+12 12	+12	5.38 R	−0.11	B7IV	+0.000	−0.009	.	+ 23	.	.		
1485	4 22 51	− 11 38	−82 54	+13	6.75	+0.21	A2	−0.009	+0.002	.		5.7	47.7		
1486	4 43 18	+ 8 40	+59 31	+11	6.48 R	.	A3	+0.039	−0.047	.005D	+ 10	.0	.5		2
1487	4 39 20	+ 4 36	−14 21	+12	5.44	+1.06	K1IV	+0.122	−0.125	+.000	+ 56	.	.		
1488	4 39 47	+ 5 5	− 1 3	+12	6.18 H	.	K0	+0.025	−0.016	.		.	.		
1489	4 41 50	+ 6 48	+38 16	+11	5.76 R	.	dG3	+0.241	−0.098	+.023	+ 47	.	.		
1490	4 41 20	+ 6 16	+28 37	+12	5.58 R	−0.02	A2V	+0.040	−0.035	.	+ 25	5.3	43.5		3
1491	4 48 51	+ 13 29	+75 57	+11	5.98 R	.	A6n	+0.043	−0.131	+.018	− 6V	.	.		
1492	4 36 46	+ 1 10	−62 4	+12	4.5 H	.	gM7	−0.069	−0.085	.	+ 26	6.2	35.8	3	G
1493	4 43 21	+ 7 36	+49 58	+11	5.75 R	+0.02	B8	−0.001	−0.022	.		7.3	20.8		
1494	4 42 55	+ 7 6	+43 21	+11	5.21 R	.	A0	+0.043	−0.051	+.016	+ 9V?	.	.		
1495	4 40 7	+ 4 10	−24 29	+12	5.57	+0.92	G6III	−0.068	+0.017	.	− 18V	.	.		6
1496	4 40 26	+ 4 22	−19 40	+12	4.30	+1.60	gM4	+0.023	−0.094	+.002	− 34	.3	.4		D
1497	4 42 15	+ 6 0	+22 58	+12	4.32 R	−0.12	B3V	+0.004	−0.016	+.008	+ 15V	.	.		*
1498	4 39 5	+ 2 29	−51 40	+12	6.38 H	.	K0	+0.009	+0.017	.		.	.		
1499	4 43 13	+ 6 3	+24 5	+11	6.08 R	.	dF6	+0.021	−0.022	.	+ 8	.	.		
1500	4 44 12	+ 6 55	+40 47	+11	6.06	+0.10	B7?e	+0.007	−0.008	.	+ 41	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
1501		+32 827	29867	5749	.	2768			4 37 20	+32 41	169 3	− 8 30
1502	α CAE	−42 1587	29875	5708	1048.	2753	I		4 37 20	−42 3	246 9	−41 30
1503	β CAE	−37 1867	29992	5740	1051.	2766			4 38 31	−37 20	239 55	−40 55
1504		−59 370	30003	5724	1052.		I		4 38 39	−59 8	268 36	−39 44
1505	55 ERI	− 9 969	30020	5759	.	2773	3409B		4 38 47	− 8 59	205 58	−32 23
1506	55 ERI	− 9 970	30021	5760	.	2774	3409A		4 38 47	− 8 59	205 58	−32 23
1507		+10 621	30034	5767	.	2778			4 38 53	+10 58	186 53	−21 49
1508	56 ERI	− 8 929	30076	5768	.	2779			4 39 17	− 8 41	205 43	−32 8
1509		−30 1968	30080	5762	.	2775			4 39 17	−30 57	231 41	−39 45
1510		+70 322	30085	5835	.				4 39 25	+70 46	140 3	+16 32
1511	4 CAM	+56 973	30121	5811	1057.	2800	3432		4 39 40	+56 35	151 16	+ 7 32
1512		+23 739	30122	5791	.				4 39 40	+23 27	176 36	−14 2
1513		−18 906	30127	5773	.				4 39 43	−18 51	216 59	−36 12
1514		+40 1045	30138	5803	.	2792			4 39 50	+40 8	163 44	− 3 14
1515		+55 928	30144	5817	.	2801			4 39 54	+55 26	152 10	+ 6 48
1516	λ PIC	−50 1471	30185	5764	1059.	2777			4 40 13	−50 40	257 35	−40 47
1517		+18 719	30197	5805	.	2793			4 40 26	+18 33	180 42	−16 57
1518		−41 1549	30202	5775	.				4 40 27	−41 15	245 8	−40 53
1519		+11 646	30210	5802	1059.1	2791			4 40 28	+11 31	186 39	−21 10
1520	57 μ ERI	− 3 876	30211	5796	.	2789			4 40 30	− 3 26	200 31	−29 21
1521		−21 966	30238	5794	.	2787			4 40 46	−21 28	220 9	−36 52
1522		− 3 884	30321	5813	.				4 41 24	− 3 8	200 21	−29 0
1523		+80 155	30338	5962	1063.	2883			4 41 37	+81 2	131 23	+22 46
1524		−34 1859	30397	5814	.				4 42 8	−34 11	235 58	−39 45
1525		−28 1735	30422	5825	.				4 42 26	−28 16	228 31	−38 28
1526		−39 1624	30432	5821	.				4 42 33	−39 32	242 55	−40 21
1527		+63 543	30442	5881	1066.	2840			4 42 44	+63 20	146 15	+12 9
1528		+32 840	30453	5856	.	2823			4 42 51	+32 25	170 1	− 7 47
1529		+31 816	30454	5853	.	2819			4 42 48	+31 16	170 54	− 8 32
1530	κ DOR	−59 376	30478	5810	1069.	2796			4 42 51	−59 55	269 27	−39 3
1531		−77 181	30479	5750	.				4 42 54	−77 50	290 34	−33 21
1532	58 ERI	−17 954	30495	5843	1070.	2813			4 43 7	−17 7	215 22	−34 49
1533		+37 969	30504	5868	1071.1	2833			4 43 11	+37 19	166 18	− 4 34
1534		+ 3 681	30545	5858	.	2825			4 43 30	+ 3 25	194 23	−25 8
1535		+48 1162	30557	5880	.	2839			4 43 38	+48 34	157 47	+ 2 47
1536		− 5 1044	30562	5860	1073.	2828			4 43 40	− 5 50	203 22	−29 50
1537	96 TAU	+15 687	30605	5873	.	2836	3464		4 44 1	+15 44	183 36	−17 59
1538	59 ERI	−16 956	30606	5864	.	2831			4 44 3	−16 30	214 47	−34 23
1539	ζ CAE	−30 2011	30608	5851	.				4 43 56	−30 12	231 1	−38 36
1540		−63 365	30610	5826	.			VAR?	4 44 2	−63 25	273 46	−38 7
1541	μ MEN	−71 282	30612	5809	.	2795			4 44 4	−71 7	282 59	−35 50
1542	9 α CAM	+66 358	30614	5924	1075.	2865			4 44 6	+66 10	144 4	+14 2
1543	1 π^3 ORI	+ 6 762	30652	5875	1077.	2837		VAR?	4 44 25	+ 6 47	191 27	−23 5
1544	2 π^2 ORI	+ 8 777	30739	5892	1082.	2846			4 45 10	+ 8 44	189 49	−21 50
1545		−14 970	30743	5882	.				4 45 7	−13 56	212 4	−33 7
1546		+52 891	30752	5928	.	2868			4 45 15	+52 40	154 48	+ 5 37
1547	97 TAU	+18 743	30780	5907	1083.	2858			4 45 31	+18 40	181 22	−15 55
1548		−44 1720	30788	5874	.				4 45 29	−44 9	248 59	−40 5
1549	60 ERI	−16 964	30814	5894	1085.	2849		VAR?	4 45 41	−16 23	214 50	−33 58
1550		+42 1081	30823	5932	.	2869			4 45 44	+42 25	162 43	+ 0 55

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
1501	4 43 48	+ 6 28	+32 52	+11	6.42 R	.	A3	−0.030	−0.044	.	+ 0	.	.		
1502	4 40 33	+ 3 13	−41 52	+11	4.45	+0.33	F2V	−0.149	−0.080	+.038	− 1V?	8.5	6.4		3
1503	4 42 3	+ 3 32	−37 8	+12	5.04	+0.38	F8V	+0.033	+0.194	+.051	+ 31V?	.	.		
1504	4 40 18	+ 1 39	−58 56	+12	6.52	+0.68	G5V	+0.063	+0.185	+.059	+ 10	.2	3.8		D
1505	4 43 35	+ 4 48	− 8 48	+11	6.75 H	.	F2IIIp	+0.021	−0.010	.	+ 40	.2	9.5		D
1506	4 43 35	+ 4 48	− 8 48	+11	6.67 H	.	G8III	+0.031	−0.022	.	+ 48V	.2	9.5		*
1507	4 44 26	+ 5 33	+11 9	+11	5.40	+0.25	dA6	+0.100	−0.014	.	+ 39	.	.		G
1508	4 44 5	+ 4 48	− 8 30	+11	5.92	−0.10	B5	+0.001	−0.002	.	+ 15	.	.		
1509	4 43 9	+ 3 52	−30 46	+11	5.67	+1.41	gK2	−0.036	−0.066	.	− 4V?	.	.		
1510	4 50 37	+ 11 12	+70 57	+11	6.34 R	−0.08	B9	+0.016	−0.015	.		.	.		
1511	4 48 0	+ 8 20	+56 46	+11	5.30 R	.	A m	+0.057	−0.147	+.011	+ 19	6.6	102.4	3	
1512	4 45 42	+ 6 2	+23 38	+11	6.16 R	+0.07	B5III	+0.011	−0.016	.		.	.		
1513	4 44 8	+ 4 25	−18 40	+11	5.52	+0.01	A1V	+0.062	−0.004	.	+ 5	.	.		
1514	4 46 44	+ 6 54	+40 19	+11	5.99 R	.	G9III	+0.003	−0.030	.	+ 34	.	.		
1515	4 48 6	+ 8 12	+55 37	+11	6.25 R	.	F0	+0.080	−0.102	.	+ 22	.	.		
1516	4 42 47	+ 2 34	−50 29	+11	5.30	+0.98	gG8	−0.046	+0.036	−.005	+ 5	.	.		
1517	4 46 16	+ 5 50	+18 44	+11	6.01	+1.21	gK4	+0.075	−0.066	.	+ 38	.	.		
1518	4 43 44	+ 3 17	−41 4	+11	6.22 H	.	K5	−0.005	+0.011	.		.	.		
1519	4 46 2	+ 5 34	+11 42	+11	5.37	+0.19	A m	+0.072	−0.005	+.004	+ 41V	.	.		G
1520	4 45 30	+ 5 0	− 3 15	+11	4.02	−0.15	B5IV	+0.015	−0.011	.	+ 7V	.	.		*
1521	4 45 4	+ 4 18	−21 17	+11	5.70	+1.48	gK2	+0.018	−0.022	.	+ 22	.	.		
1522	4 46 25	+ 5 1	− 2 57	+11	6.29 H	.	A2	+0.012	−0.045	.		.	.		
1523	5 0 21	+ 18 44	+81 12	+10	5.15 R	.	K3III	+0.000	+0.029	+.018	− 8V?	.	.		
1524	4 45 50	+ 3 42	−34 0	+11	6.85	+0.00	B9	+0.031	+0.020	.		.	.		
1525	4 46 26	+ 4 0	−28 5	+11	6.18	+0.19	A3IV	−0.008	+0.015	.	+ 19	.	.		
1526	4 45 56	+ 3 23	−39 21	+11	6.03	+1.08	K0	−0.068	−0.020	.	− 6	.	.		
1527	4 52 6	+ 9 22	+63 30	+10	5.61 R	.	gM2	+0.045	−0.096	−.001	− 36	.	.		
1528	4 49 19	+ 6 28	+32 36	+11	5.88 R	.	A m	+0.023	−0.033	.	+ 21V	.	.		R
1529	4 49 13	+ 6 25	+31 26	+10	5.64 R	.	gK1	+0.020	−0.103	.	+ 23	.	.		
1530	4 44 22	+ 1 31	−59 44	+11	5.35 H	.	A3	+0.032	+0.038	+.017	+ 2V	.	.		
1531	4 38 22	− 4 32	−77 39	+11	6.04	+1.10	K0	−0.028	+0.004	.		.	.		
1532	4 47 36	+ 4 29	−16 56	+11	5.51	+0.64	dG1	+0.133	+0.174	+.066	+ 17	.	.		
1533	4 49 55	+ 6 44	+37 30	+11	4.92 R	.	K4III	−0.032	+0.034	+.027	− 23	.	.		
1534	4 48 45	+ 5 15	+ 3 36	+11	6.04 R	.	K1III	+0.000	−0.015	.	− 19	.	.		
1535	4 51 9	+ 7 31	+48 44	+10	5.63 R	.	gK0	−0.035	−0.042	.	+ 29	.	.		
1536	4 48 37	+ 4 57	− 5 40	+10	5.76	+0.64	dG0	+0.306	−0.239	+.033	+ 78	.	.		
1537	4 49 44	+ 5 43	+15 54	+10	6.22 R	.	gK3	+0.007	−0.012	.	+ 13	5.0	30.8	3	
1538	4 48 33	+ 4 30	−16 19	+11	5.76	+0.55	dF6	+0.004	+0.039	.	+ 35	.	.		
1539	4 47 50	+ 3 54	−30 1	+11	6.36	+1.08	K0	+0.032	+0.095	.		.	.		
1540	4 44 58	+ 0 56	−63 14	+11	6.45	+1.08	K0	−0.008	+0.000	.		.	.		
1541	4 43 4	− 1 0	−70 56	+11	5.53	−0.13	B9IV	+0.009	+0.029	.	− 26	.	.		
1542	4 54 3	+ 9 57	+66 20	+10	4.29	+0.04	O9.5Ia	+0.005	+0.008	−.006	+ 6	.	.		G
1543	4 49 51	+ 5 26	+ 6 57	+10	3.19	+0.45	F6V	+0.468	+0.018	+.125	+ 24	.	.		
1544	4 50 37	+ 5 27	+ 8 54	+10	4.32 R	+0.00	A0V	+0.004	−0.031	+.029	+ 24V	.	.		
1545	4 49 42	+ 4 35	−13 46	+10	6.26	+0.45	F2	−0.115	−0.163	.		.	.		
1546	4 53 10	+ 7 55	+52 50	+10	6.31 R	.	A2	−0.003	−0.022	.	− 13	.	.		
1547	4 51 22	+ 5 51	+18 50	+10	5.10	+0.21	dA5	+0.081	−0.035	+.009	+ 39V	.	.		G
1548	4 48 34	+ 3 5	−43 58	+11	6.71	+0.95	G5	+0.009	+0.028	.		.	.		
1549	4 50 11	+ 4 30	−16 13	+10	5.16 H	.	K0III	+0.042	+0.057	+.017	+ 37	.	.		
1550	4 52 48	+ 7 4	+42 35	+10	5.72	+0.11	A0	−0.002	−0.002	.	− 2	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
1551	2 AUR	+36 952	30834	5934	.	2871			4 45 56	+36 32	167 15	− 4 39
1552	3 π^4 ORI	+ 5 745	30836	5911	1086.	2859		VAR?	4 45 53	+ 5 26	192 53	−23 32
1553		+ 9 668	30870	5920	.	2862			4 46 14	+ 9 48	189 2	−21 1
1554		+27 701	30912	5940	.	2872			4 46 32	+27 44	174 12	−10 8
1555	5 CAM	+55 941	30958	5964	.	2884	3508		4 46 53	+55 6	153 4	+ 7 21
1556	4 o^1 ORI	+14 777	30959	5942	1090.	2874		VAR?	4 46 52	+14 5	185 25	− 8 24
1557		−41 1593	30985	5913	.		I		4 47 1	−41 30	245 34	−39 40
1558		+43 1116	31069	5969	.	2887			4 47 40	+43 54	161 48	+ 0 19
1559		−35 1962	31093	5939	.		F		4 47 50	−35 4	237 20	−38 45
1560	61 ω ERI	− 5 1068	31109	5954	1092.	2879			4 47 59	− 5 37	203 45	−28 47
1561		+52 898	31134	5988	.	2904			4 48 12	+52 42	155 3	+ 5 59
1562	5 ORI	+ 2 800	31139	5961	1093.	2882		VAR?	4 48 10	+ 2 21	196 4	−24 43
1563	ι PIC	−53 760	31203	5945	.	2876	I		4 48 42	−53 38	261 17	−39 13
1564	ι PIC	−53 760	31204	5946	.		I		4 48 43	−53 38	261 17	−39 13
1565		+ 1 847	31209	5971	.	2890			4 48 45	+ 1 25	197 2	−25 5
1566		+19 811	31236	5984	.	2901			4 49 6	+19 20	181 21	−14 51
1567	8 π^5 ORI	+ 2 810	31237	5978	1095.	2896		π^5 ORI	4 49 2	+ 2 17	196 15	−24 34
1568	7 CAM	+53 829	31278	6017	1096.	2920	3536		4 49 16	+53 36	154 27	+ 6 41
1569	6 ORI	+11 675	31283	5983	.	2900			4 49 14	+11 16	188 12	−19 34
1570	7 π^1 ORI	+ 9 683	31295	5987	.	2903			4 49 23	+10 0	189 20	−20 16
1571		+ 7 755	31296	5986	.	2902		VAR?	4 49 23	+ 7 37	191 27	−21 36
1572		+74 229	31312	6070	.	2939			4 49 39	+74 7	137 43	+19 10
1573		+35 930	31327	6011	.	2917			4 49 40	+36 1	168 8	− 4 24
1574		+ 0 893	31331	5991	.	2906			4 49 43	+ 0 19	198 12	−25 27
1575		+24 709	31362	6015	.	2919			4 50 10	+24 26	177 21	−11 33
1576		+14 787	31373	6010	.	2916			4 50 9	+14 53	185 14	−17 17
1577	3 ι AUR	+32 855	31398	6029	1100.	2923		VAR?	4 50 29	+33 0	170 36	− 6 10
1578		+ 5 769	31411	6019	.	2921			4 50 39	+ 5 14	193 47	−22 39
1579		−16 991	31414	6008	.	2915			4 50 38	−16 54	215 57	−33 4
1580	9 o^2 ORI	+13 740	31421	6025	1102.	2922	3540		4 50 45	+13 21	186 38	−18 4
1581		−16 992	31444	6012	.	2918		R ERI	4 50 49	−16 35	215 37	−32 55
1582	62 ERI	− 5 1091	31512	6032	.	2924			4 51 29	− 5 20	203 56	−27 53
1583		−25 2115	31517	6024	.				4 51 25	−25 53	226 18	−35 55
1584		−39 1691	31529	6016	.				4 51 34	−39 47	243 27	−38 39
1585		+16 672	31539	6040	.	2927			4 51 36	+17 0	183 40	−15 46
1586	99 TAU	+23 777	31553	6044	.	2930	3557		4 51 45	+23 48	178 5	−11 39
1587		+73 264	31563	6111	.	2966			4 51 45	+73 37	138 14	+19 0
1588	8 CAM	+52 906	31579	6062	.	2934			4 51 48	+53 0	155 10	+ 6 36
1589		+73 265	31590	6121	.	2969	K		4 52 3	+73 55	137 59	+19 11
1590	98 TAU	+24 717	31592	6048	.	2932	3547		4 52 2	+24 54	177 14	−10 56
1591		− 1 762	31623	6043	.	2929			4 52 13	− 1 14	200 2	−25 43
1592	4 AUR	+37 1005	31647	6064	1112.	2936	3572		4 52 28	+37 44	167 9	− 2 53
1593		+60 853	31662	6088	.	2953	3590		4 52 36	+60 56	148 54	+11 34
1594		+66 370	31675	6107	1113.	2961			4 52 42	+66 41	144 11	+15 2
1595		−14 1003	31726	6055	.	2933			4 53 10	−14 24	213 31	−31 32
1596		− 2 1080	31739	6060	.		3570		4 53 9	− 2 22	201 15	−26 5
1597		−58 437	31746	6034	.				4 53 14	−58 42	267 37	−37 58
1598		−66 338	31754	6022	.				4 53 21	−66 50	277 37	−36 19
1599	5 AUR	+39 1133	31761	6084	1115.	2949	3589		4 53 26	+39 15	166 5	− 1 48
1600		+14 796	31764	6072	.		3579A		4 53 19	+14 24	186 7	−16 57

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
1551	4 52 38	+ 6 42	+36 42	+10	4.77	+1.41	K3III	−0.023	−0.009	.	− 17	.	.		G
1552	4 51 13	+ 5 20	+ 5 36	+10	3.69	−0.17	B2III	−0.001	+0.002	−.005	+ 23V	.	.		*
1553	4 51 44	+ 5 30	+ 9 58	+10	6.07 R	.	A0	+0.000	−0.007	.	+ 11	.	.		
1554	4 52 47	+ 6 15	+27 54	+10	5.85 R	.	F2	+0.052	−0.032	.	+ 38	.	.		G
1555	4 55 4	+ 8 11	+55 16	+10	5.51 R	.	A0	−0.009	−0.008	.	+ 2	7.3	12.9		3
1556	4 52 31	+ 5 39	+14 15	+10	4.83 R	.	M3S	−0.004	−0.057	+.005	− 7	.	.		
1557	4 50 16	+ 3 15	−41 20	+10	6.06	+0.38	dF0	−0.002	+0.065	.		3.3	14.9		D
1558	4 54 51	+ 7 11	+44 4	+10	6.09	+0.00	B9	+0.031	−0.055	.	+ 1	.	.		
1559	4 51 28	+ 3 38	−34 54	+10	5.85	+0.08	A1Vn	+0.022	−0.028	.	+ 23	.4	.3		
1560	4 52 54	+ 4 55	− 5 27	+10	4.37	+0.26	A9IV	−0.018	+0.024	+.007	− 9V	.	.		
1561	4 56 8	+ 7 56	+52 52	+10	5.64 R	.	A2	+0.002	+0.007	.	− 22V	.	.		6
1562	4 53 23	+ 5 13	+ 2 31	+10	5.34	+1.64	gM1	+0.034	−0.017	+.006	+ 13	.	.		
1563	4 50 56	+ 2 14	−53 28	+10	5.60 H	.	F0IV	−0.097	+0.081	.	+ 5V	.8	12.4		*
1564	4 50 57	+ 2 14	−53 28	+10	6.44 H	.	F0	−0.098	+0.079	.		.8	12.4		D
1565	4 53 56	+ 5 11	+ 1 35	+10	6.62	+0.04	A2	+0.009	−0.001	.	+ 21	.	.		
1566	4 54 59	+ 5 53	+19 30	+10	6.37	+0.29	dF0	+0.063	−0.039	.	+ 35	.	.		G
1567	4 54 15	+ 5 13	+ 2 27	+10	3.72	−0.19	B2III	−0.001	+0.000	+.000	+ 23V	.	.		*
1568	4 57 17	+ 8 1	+53 46	+10	4.47	−0.02	A1V	−0.019	+0.006	−.005	− 8V	3.3	1.2	3	*
1569	4 54 47	+ 5 33	+11 26	+10	5.12 R	.	A3	−0.013	+0.020	.	+ 9V?	.	.		
1570	4 54 53	+ 5 30	+10 10	+10	4.66 R	+0.07	A0p	+0.046	−0.131	.	+ 13	.	.		
1571	4 54 47	+ 5 24	+ 7 47	+10	5.34	+1.22	gK1	−0.019	−0.032	.	− 5	.	.		
1572	5 2 21	+ 12 42	+74 16	+ 9	6.06	+1.57	K5III	+0.025	+0.036	.	− 52	.	.		
1573	4 56 20	+ 6 40	+36 11	+10	6.06	+0.41	B2Ib	−0.015	+0.011	.	− 5	.	.		
1574	4 54 51	+ 5 8	+ 0 29	+10	5.86 R	.	B5	+0.000	+0.005	.	+ 17V	.	.		6
1575	4 56 16	+ 6 6	+24 36	+10	6.14 R	.	F0	−0.022	−0.018	.	− 9	.	.		
1576	4 55 51	+ 5 42	+15 3	+10	5.68 R	−0.08	B8III	+0.019	−0.022	.	+ 9	.	.		
1577	4 57 0	+ 6 31	+33 9	+ 9	2.66	+1.57	K3II	+0.008	−0.019	+.015	+ 18	.	.		
1578	4 55 58	+ 5 19	+ 5 24	+10	6.51	+0.02	A0	−0.004	−0.008	.	+ 22	.	.		
1579	4 55 7	+ 4 29	−16 44	+10	5.69	+0.96	gG9	+0.009	+0.004	.	+ 10	.	.		
1580	4 56 22	+ 5 37	+13 30	+ 9	4.14 R	.	K2III	−0.073	−0.048	+.016	+ 1	7.0	32.4	3	D
1581	4 55 18	+ 4 29	−16 25	+10	5.71	+0.88	gG4	+0.007	+0.048	.	+ 32	.	.		
1582	4 56 25	+ 4 56	− 5 11	+ 9	5.52	−0.14	B9	−0.007	−0.005	.	+ 24	.	.		
1583	4 55 31	+ 4 6	−25 43	+10	6.71	+0.28	dF0	+0.014	+0.027	.		.	.		
1584	4 54 55	+ 3 21	−39 37	+10	6.09	+1.42	K0	−0.016	+0.023	.		.	.		
1585	4 57 23	+ 5 47	+17 9	+ 9	5.48 R	.	gK1	−0.010	−0.009	.	+ 25	.	.		
1586	4 57 49	+ 6 4	+23 57	+ 9	5.83 R	.	gG8	+0.012	−0.008	.	+ 4	6.3	6.3	3	
1587	5 4 13	+ 12 28	+73 46	+ 9	6.63 R	.	K0	+0.026	−0.014	.	+ 22	.	.		
1588	4 59 46	+ 7 58	+53 9	+ 9	6.26 R	.	gK3	−0.009	−0.010	.	− 2	.	.		
1589	5 4 40	+ 12 37	+74 4	+ 9	5.94 R	.	A2	+0.018	−0.015	.	− 9	1.0	.4		
1590	4 58 9	+ 6 7	+25 3	+ 9	5.54 R	+0.00	B9.5V?	+0.033	−0.051	.	+ 26V	4.3	94.6	3	6
1591	4 57 17	+ 5 4	− 1 5	+ 9	6.23 H	.	F2	−0.040	−0.036	.	+ 13	.	.		
1592	4 59 15	+ 6 47	+37 53	+ 9	4.93	+0.02	A0V	+0.045	−0.102	−.015	+ 5V	3.0	6.5	3	D
1593	5 1 36	+ 9 0	+61 5	+ 9	6.05 R	.	F5	+0.015	−0.174	.	+ 11	5.5	5.5		3
1594	5 2 50	+ 10 8	+66 49	+ 8	6.22 R	.	dF6	+0.073	−0.343	+.033	+ 17	.	.		G
1595	4 57 45	+ 4 35	−14 15	+ 9	6.14	−0.22	B1V	+0.009	+0.013	.	+ 11	.	.		
1596	4 58 11	+ 5 2	− 2 13	+ 9	6.43 H	.	A0	−0.003	+0.027	.		4.5	21.1		
1597	4 54 52	+ 1 38	−58 32	+10	6.11	+0.44	F5	+0.094	+0.076	.		.	.		
1598	4 53 30	+ 0 9	−66 40	+10	6.27 H	+1.63	K5	+0.010	+0.002	.		.	.		
1599	5 0 19	+ 6 53	+39 24	+ 9	5.90 R	.	dF3	−0.013	+0.002	+.020	+ 6	3.7	3.2		2
1600	4 59 0	+ 5 41	+14 33	+ 9	5.92 R	+0.01	B6V	+0.007	−0.019	.		1.5	39.8	3	D

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
1601	10 π^6 ORI	+ 1 872	31767	6068	1116.	2938		VAR?	4 53 22	+ 1 34	197 33	−24 2
1602	6 AUR	+39 1134	31780	6086	.	2951			4 53 30	+39 30	165 54	− 1 38
1603	10 β CAM	+60 856	31910	6136	1118.	2975	3615A		4 54 31	+60 18	149 34	+11 22
1604		−16 1013	31925	6082	1120.	2948	3588	VAR?	4 54 33	−16 32	215 58	−32 4
1605	7 ϵ AUR	+43 1166	31964	6123	1122.	2970	3605	ϵ AUR	4 54 47	+43 41	162 47	+ 1 10
1606		−72 332	31975	6031	.				4 54 46	−72 35	284 20	−34 34
1607	R LEP	−15 915	31996	6093	.	2957		R LEP	4 55 3	−14 57	214 19	−31 20
1608	63 ERI	−10 1066	32008	6098	.	2958			4 55 6	−10 25	209 33	−29 25
1609		+ 3 736	32039	6108	.	2964	3597B	VAR?	4 55 17	+ 3 28	196 4	−22 37
1610		+ 3 737	32040	6109	.	2965	3597A		4 55 19	+ 3 28	196 4	−22 37
1611	64 ERI	−12 1047	32045	6104	1126.	2959		S ERI	4 55 17	−12 41	211 56	−30 21
1612	8 ζ AUR	+40 1142	32068	6137	1127.	2976		ζ AUR	4 55 29	+40 56	165 1	+ 0 26
1613		− 2 1095	32115	6115	.				4 55 37	− 2 13	201 27	−25 28
1614		− 5 1123	32147	6120	1129.	2968			4 55 51	− 5 52	205 3	−27 11
1615		+41 1044	32188	6153	.	2983		VAR?	4 56 18	+41 18	164 49	+ 0 5
1616		+85 74	32196	6447	.	3135			4 56 18	+85 50	127 10	+25 41
1617	65 ψ ERI	− 7 948	32249	6138	.	2977			4 56 35	− 7 19	206 35	−27 42
1618		+ 0 923	32263	6143	.	2980		VAR?	4 56 42	+ 0 34	198 58	−23 50
1619		+ 1 886	32273	6147	.		3623B		4 56 49	+ 1 28	198 8	−23 20
1620	102 ι TAU	+21 751	32301	6158	1132.	2985			4 57 7	+21 27	180 46	−12 4
1621		−20 990	32309	6142	.	2979			4 57 5	−20 12	220 17	−32 52
1622	11 CAM	+58 804	32343	6193	.	3004			4 57 27	+58 50	150 59	+10 47
1623	12 CAM	+58 805	32357	6197	.	3006			4 57 30	+58 53	150 57	+10 49
1624		+60 857	32356	6202	.	3007			4 57 27	+61 2	149 11	+12 6
1625		− 4 1019	32393	6167	.	2989			4 57 48	− 4 21	203 49	−26 2
1626		+30 772	32406	6176	.	2994			4 57 52	+30 22	173 39	− 6 34
1627		+32 879	32428	6182	.	2995			4 58 8	+32 11	172 14	− 5 25
1628		−26 1975	32436	6160	1133.	2986			4 58 6	−26 25	227 27	−34 38
1629	η MEN	−75 290	32440	6078	1134.	2945			4 58 3	−75 5	287 7	−33 33
1630					.							
1631		−39 1744	32453	6156	.				4 58 15	−39 52	243 45	−37 23
1632		+27 723	32480	6186	.	3001			4 58 23	+27 33	175 59	− 8 11
1633		+21 755	32482	6183	.	2998			4 58 24	+21 9	181 12	−12 1
1634	1 LEP	−22 1960	32503	6172	.	2991			4 58 32	−22 56	223 29	−33 28
1635		−31 2163	32515	6169	.				4 58 36	−31 55	234 0	−35 56
1636		+69 302	32518	6245	1136.	3027			4 58 40	+69 30	142 8	+17 7
1637	9 AUR	+51 1024	32537	6219	1137.	3015	3675		4 58 51	+51 28	157 3	+ 6 30
1638	11 ORI	+15 732	32549	6191	1138.	3003			4 58 51	+15 16	186 11	−15 21
1639		+35 973	32608	6216	.	3012			4 59 20	+35 48	169 31	− 3 0
1640		−14 1027	32612	6187	.	3002			4 59 18	−14 31	214 20	−30 13
1641	10 η AUR	+41 1058	32630	6226	1139.	3018		VAR?	4 59 30	+41 6	165 21	+ 0 16
1642		+19 847	32642	6211	.	3009	3672		4 59 38	+19 40	182 36	−12 39
1643		+73 274	32650	6288	1141.	3052			4 59 45	+73 49	138 23	+19 34
1644		+42 1170	32655	6230	.	3019			4 59 41	+43 2	163 50	+ 1 28
1645		−24 2795	32667	6195	.	3005			4 59 45	−24 32	225 25	−33 43
1646		− 3 998	32686	6206	.	3008			4 59 54	− 3 11	202 58	−25 1
1647		+64 500	32715	6260	1142.	3037			5 0 1	+64 47	146 14	+14 32
1648	W ORI	+ 0 939	32736	6221	.	3017		W ORI	5 0 14	+ 1 2	199 1	−22 50
1649	η^1 PIC	−49 1541	32743	6185	1144.	3000	R 854		5 0 12	−49 18	255 39	−37 38
1650		+76 190	32781	6323	.		3738		5 0 30	+76 21	136 8	+20 58

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
1601	4 58 33	+ 5 11	+ 1 43	+ 9	4.46	+1.39	K2II	−0.001	−0.002	+.012	+ 14	.	.		
1602	5 0 24	+ 6 54	+39 39	+ 9	6.56 R	.	gK5	+0.006	+0.005	.	− 24	.	.		
1603	5 3 25	+ 8 54	+60 27	+ 9	4.08	+0.90	G0Ib	−0.002	−0.015	+.007	− 2	4.0	82.2	3	
1604	4 59 1	+ 4 28	−16 23	+ 9	5.66	+0.45	dF2	−0.141	+0.150	+.020	+ 31	.3	1.1	3	D
1605	5 1 58	+ 7 11	+43 50	+ 9	2.99	+0.54	A8Ia	+0.003	−0.007	+.004	− 3V	6.3	207.7	5	*
1606	4 53 6	− 1 40	−72 25	+10	6.28	+0.53	F8V	−0.057	+0.273	.	+ 25	.	.		
1607	4 59 36	+ 4 33	−14 48	+ 9	6.0 H	.	C7$_4$e	+0.022	+0.022	.	+ 32	.	.		
1608	4 59 50	+ 4 44	−10 16	+ 9	5.69 H	.	dG4	+0.027	−0.133	.	− 12	.	.		
1609	5 0 32	+ 5 15	+ 3 37	+ 9	6.95 H	.	A0	+0.025	+0.003	.	+ 31	.7	21.4		D
1610	5 0 34	+ 5 15	+ 3 37	+ 9	6.63 H	.	A0	+0.007	−0.010	.	+ 42	.7	21.4		D
1611	4 59 56	+ 4 39	−12 32	+ 9	4.78	+0.27	F0IV	+0.044	−0.089	+.015	− 15	.	.		
1612	5 2 29	+ 7 0	+41 5	+ 9	3.80VR	.	K5II+B	+0.015	−0.023	+.002	+ 13V	.	.		R
1613	5 0 39	+ 5 2	− 2 4	+ 9	6.33	+0.29	A5	−0.019	+0.010	.		.	.		
1614	5 0 49	+ 4 58	− 5 45	+ 7	6.21	+1.06	dK5	+0.557	−1.089	+.104	+ 27V?	.	.		6
1615	5 3 19	+ 7 1	+41 27	+ 9	6.14	+0.16	A0	+0.006	−0.005	.	− 1V	.	.		
1616	5 31 51	+ 35 33	+85 57	+ 7	6.49 R	.	A m	+0.025	−0.077	.	− 6V	.	.		G
1617	5 1 26	+ 4 51	− 7 10	+ 9	4.80	−0.20	B2V	+0.003	+0.010	.	+ 25V	.	.		
1618	5 1 51	+ 5 9	+ 0 43	+ 9	6.05 R	.	K0	+0.016	−0.031	.	+ 21	.	.		
1619	5 2 0	+ 5 11	+ 1 37	+ 9	6.12 R	−0.08	A	−0.009	+0.013	.013D		1.2	14.4	4	D
1620	5 3 6	+ 5 59	+21 36	+ 9	4.64	+1.45	A7V	+0.060	−0.043	+.009	+ 42	.	.		G
1621	5 1 25	+ 4 20	−20 3	+ 9	4.90	−0.06	B9	+0.035	−0.013	.	+ 24	.	.		
1622	5 6 9	+ 8 42	+58 58	+ 8	5.22	−0.08	B2V?pe	+0.000	−0.007	.	− 11	.	.		D
1623	5 6 12	+ 8 42	+59 1	+ 8	6.23 R	.	gG5	+0.005	−0.031	.	− 8	.	.		D
1624	5 6 29	+ 9 2	+61 10	+ 8	6.18 R	.	K0	+0.043	−0.073	.	− 40	.	.		
1625	5 2 46	+ 4 58	− 4 12	+ 9	6.10 H	.	cK3	+0.054	+0.018	.	+ 38	.	.		
1626	5 4 15	+ 6 23	+30 30	+ 8	6.23 R	.	K0	+0.004	−0.006	.	+ 18	.	.		
1627	5 4 37	+ 6 29	+32 19	+ 8	6.40 R	.	A m	−0.006	−0.073	.	− 8	.	.		
1628	5 2 10	+ 4 4	−26 17	+ 8	5.02	+1.06	gK0	+0.083	−0.080	+.001	+ 27	.	.		
1629	4 55 11	− 2 52	−74 56	+ 9	5.46	+1.52	K6III	+0.027	+0.060	+.015	+ 26	.	.		
1630					.	.		.	.	.		.	.		
1631	5 1 35	+ 3 20	−39 43	+ 9	6.02	+0.88	G5	−0.009	+0.030	.		.	.		
1632	5 4 38	+ 6 15	+27 41	+ 8	6.48 R	+0.24	A7V	+0.023	−0.032	.	+ 22	.	.		
1633	5 4 22	+ 5 58	+21 17	+ 8	6.21 R	.	K0	+0.024	−0.016	.	+ 48	.	.		
1634	5 2 45	+ 4 13	−22 47	+ 9	5.74	+1.20	gK1	+0.059	+0.024	.	+ 33	.	.		
1635	5 2 23	+ 3 47	−31 46	+ 9	5.93	+1.17	G8III	−0.010	+0.073	.	+ 29	.	.		
1636	5 9 37	+ 10 57	+69 38	+ 8	6.44 R	.	K1III	+0.070	−0.065	+.006	− 8	.	.		
1637	5 6 41	+ 7 50	+51 36	+ 8	4.94 R	.	F0V	−0.024	−0.175	+.011	− 1	4.2	90.1	4	*
1638	5 4 34	+ 5 43	+15 24	+ 8	4.67 R	−0.07	A0si	+0.017	−0.035	+.012	+ 17V?	.	.		
1639	5 6 1	+ 6 41	+35 56	+ 8	6.34 R	.	A3	−0.009	+0.000	.	+ 14	.	.		
1640	5 3 52	+ 4 34	−14 23	+ 8	6.40	−0.20	B3	−0.010	+0.034	.	+ 16	.	.		
1641	5 6 31	+ 7 1	+41 14	+ 8	3.17	−0.18	B3V	+0.029	−0.071	+.013	+ 7	.	.		G
1642	5 5 32	+ 5 54	+19 48	+ 8	6.41 R	+0.20	A7III	−0.006	−0.024	.008D	− 17	.6	.9		2
1643	5 12 22	+ 12 37	+73 57	+ 8	5.32 R	.	A si	+0.009	−0.033	+.021	+ 9	.	.		
1644	5 6 50	+ 7 9	+43 10	+ 8	6.16	+0.42	F2II?p?	+0.009	−0.001	.	− 12	.	.		
1645	5 3 54	+ 4 9	−24 24	+ 8	5.60	+0.10	A3m	+0.023	−0.028	.	+ 7V	.	.		6
1646	5 4 54	+ 5 0	− 3 3	+ 8	6.06	−0.12	B5	+0.000	+0.002	.	+ 27	.	.		
1647	5 9 45	+ 9 44	+64 55	+ 8	6.32 R	.	dF3	+0.025	−0.168	+.021	+ 0	.	.		
1648	5 5 24	+ 5 10	+ 1 10	+ 8	5.9 H	.	C5$_3$	+0.012	−0.006	.	+ 17	.	.		
1649	5 2 49	+ 2 37	−49 10	+ 8	5.38	+0.42	dF4	−0.052	+0.023	+.047	+ 21	7.1	10.8		
1650	5 14 36	+ 14 6	+76 29	+ 8	6.29 R	−0.02	B9	−0.001	−0.006	.		4.5	1.6		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
1651		−41 1690	32820	6204	.				5 0 42	−41 53	246 20	−37 9
1652	γ CAE	−35 2089	32831	6212	1146.	3010	I		5 0 49	−35 37	238 36	−36 14
1653		−35 2090	32846	6214	.			VAR?	5 0 52	−35 51	238 53	−36 16
1654	2 ε LEP	−22 1000	32887	6231	1151.	3021		VAR?	5 1 14	−22 30	223 14	−32 44
1655		−26 2005	32890	6229	.				5 1 13	−26 17	227 33	−33 55
1656	104 TAU	+18 779	32923	6255	1152.	3031	3701		5 1 32	+18 31	183 49	−12 57
1657	66 ERI	− 4 1044	32964	6246	1152.1	3029	3698	VAR?	5 1 49	− 4 47	204 46	−25 22
1658	106 TAU	+20 885	32977	6259	1152.2	3036			5 1 53	+20 17	182 24	−11 52
1659	103 TAU	+24 755	32990	6267	.	3041	3709		5 2 1	+24 8	179 15	− 9 34
1660	105 TAU	+21 766	32991	6263	.	3039			5 1 57	+21 34	181 21	−11 6
1661		−13 1063	32996	6248	.				5 2 0	−13 15	213 19	−29 6
1662	13 ORI	+ 9 736	33021	6261	1153.	3038			5 2 10	+ 9 21	191 46	−18 0
1663	η^2 PIC	−49 1562	33042	6234	1155.	3025		VAR?	5 2 22	−49 43	256 11	−37 17
1664	14 ORI	+ 8 866	33054	6269	1154.	3043	3711		5 2 26	+ 8 22	192 40	−18 29
1665		−12 1076	33093	6268	.	3042			5 2 45	−12 37	212 45	−28 40
1666	67 β ERI	− 5 1162	33111	6274	1158.	3046		VAR?	5 2 56	− 5 13	205 20	−25 19
1667		−54 768	33116	6241	.				5 2 55	−54 33	262 14	−37 4
1668		+46 970	33167	6311	1161.	3063			5 3 16	+46 50	161 12	+ 4 17
1669		+37 1067	33203	6309	.	3062	3734		5 3 32	+37 11	168 56	− 1 30
1670		+27 732	33204	6301	.	3057	3730A		5 3 28	+27 54	176 23	− 7 5
1671		− 8 1037	33224	6281	.		3722A		5 3 33	− 8 48	208 57	−26 50
1672	16 ORI	+ 9 743	33254	6300	1162.	3055			5 3 50	+ 9 42	191 42	−17 28
1673	68 ERI	− 4 1056	33256	6292	1163.	3054			5 3 46	− 4 35	204 50	−24 50
1674	ζ DOR	−57 735	33262	6258	1164.	3033			5 3 48	−57 37	266 3	−36 43
1675		+61 766	33266	6345	.	3074			5 3 53	+61 44	149 4	+13 8
1676	15 ORI	+15 752	33276	6306	1165.	3060			5 3 58	+15 28	186 44	−14 14
1677	β MEN	−71 309	33285	6232	1167.	3022			5 4 0	−71 27	282 47	−34 12
1678	14 CAM	+62 734	33296	6352	.	3078			5 4 13	+62 34	148 23	+13 38
1679	69 λ ERI	− 8 1040	33328	6304	1169.	3059		VAR?	5 4 22	− 8 53	209 9	−26 42
1680		−35 2126	33377	6296	.				5 4 41	−35 51	239 4	−35 30
1681		− 0 867	33419	6322	.				5 4 57	− 0 41	201 16	−22 41
1682		−78 165	33519	6224	.		I		5 5 36	−78 26	290 43	−32 3
1683		+73 280	33541	6405	.	3106			5 5 53	+73 9	139 14	+19 35
1684		+15 759	33554	6350	.	3076			5 5 57	+15 55	186 38	−13 35
1685		− 2 1161	33555	6343	.				5 5 55	− 2 22	202 59	−23 18
1686		+79 169	33564	6455	1173.	3137	3864A		5 6 4	+79 7	133 44	+22 38
1687		− 2 1165	33608	6348	.	3075			5 6 17	− 2 37	203 16	−23 20
1688		+59 857	33618	6385	.	3097			5 6 24	+59 17	151 18	+11 59
1689	11 μ AUR	+38 1063	33641	6375	1175.	3090			5 6 35	+38 22	168 21	+ 0 18
1690		+ 0 974	33647	6359	.		3767	VAR?	5 6 31	+ 0 24	200 28	−21 48
1691		+ 0 975	33646	6361	.	3081	3764		5 6 36	+ 0 55	200 0	−21 31
1692		+53 872	33654	6383	.	3096			5 6 43	+53 6	156 27	+ 8 27
1693		−12 1092	33664	6358	.	3079		RX LEP	5 6 43	−11 58	212 33	−27 31
1694		−26 2045	33667	6346	.				5 6 41	−26 2	227 41	−32 40
1695		−63 420	33684	6314	1177.	3064			5 6 47	−63 32	273 16	−35 36
1696	3 ι LEP	−12 1095	33802	6374	.	3089	3778		5 7 38	−11 59	212 40	−27 19
1697		− 6 1109	33833	6377	.	3092			5 7 55	− 6 10	206 54	−24 40
1698	17 ρ ORI	+ 2 888	33856	6381	1183.	3093	3797	VAR?	5 8 4	+ 2 45	198 30	−20 16
1699		−37 2071	33872	6371	.				5 8 9	−37 31	241 13	−35 7
1700		−73 286	33875	6313	.				5 8 10	−73 10	284 40	−33 27

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
1651	5 3 54	+ 3 12	−41 44	+ 9	6.30	+0.53	F8	+0.018	+0.152	.	+ 29	.	.		
1652	5 4 25	+ 3 36	−35 29	+ 8	4.54	+1.19	gK3	+0.121	−0.051	+.007	+ 10V?	3.8	3.3		2
1653	5 4 26	+ 3 34	−35 43	+ 8	6.33	+0.31	F0	+0.020	+0.038	.		.	.		
1654	5 5 28	+ 4 14	−22 22	+ 8	3.18	+1.47	K5III	+0.025	−0.073	+.006	+ 1	.	.		
1655	5 5 17	+ 4 4	−26 9	+ 8	5.72	+1.17	gK2	+0.003	−0.066	.		.	.		
1656	5 7 27	+ 5 55	+18 39	+ 8	4.96 R	.	G4V	+0.540	+0.017	+.058	+ 20	.0	.1		D
1657	5 6 46	+ 4 57	− 4 39	+ 8	5.12	−0.07	B9	+0.015	+0.010	+.022	+ 31V	3.2	53.0		R
1658	5 7 48	+ 5 55	+20 25	+ 8	5.17 R	.	A3	−0.045	−0.036	+.006	− 1	.	.		
1659	5 8 7	+ 6 6	+24 16	+ 8	5.41 R	.	B2V	+0.004	−0.005	.	+ 16V	3.0	35.4	3	*
1660	5 7 56	+ 5 59	+21 42	+ 8	5.83	+0.21	B2Vp	+0.008	−0.008	.	+ 25V	.	.		G
1661	5 6 37	+ 4 37	−13 7	+ 8	6.06 H	.	A0	+0.018	+0.036	.		.	.		
1662	5 7 39	+ 5 29	+ 9 28	+ 7	6.18	+0.62	dG2	+0.000	−0.378	+.033	− 24	.	.		
1663	5 4 57	+ 2 35	−49 35	+ 8	4.92 H	.	M2III	+0.059	−0.001	+.001	+ 36	.	.		
1664	5 7 53	+ 5 27	+ 8 30	+ 8	5.33	+0.33	A m	+0.025	−0.064	−.003	+ 6V	.8	1.2		D
1665	5 7 24	+ 4 39	−12 29	+ 8	5.96	+0.60	F8	+0.139	−0.078	.	+ 50	.	.		
1666	5 7 51	+ 4 55	− 5 5	+ 8	2.80	+0.13	A3III	−0.092	−0.079	+.042	− 8	.	.		G
1667	5 5 1	+ 2 6	−54 25	+ 8	6.14 H	.	K5	+0.004	−0.009	.		.	.		
1668	5 10 43	+ 7 27	+46 57	+ 7	5.51 R	.	d?F3	+0.060	−0.150	+.027	+ 33	.	.		G
1669	5 10 18	+ 6 46	+37 19	+ 8	6.17 R	.	B2II?+K3	+0.008	−0.008	.002D	+ 9	.3	1.8		3
1670	5 9 45	+ 6 17	+28 2	+ 8	6.01	+0.27	A m	+0.062	−0.070	.	+ 41	2.5	11.9	3	*
1671	5 8 20	+ 4 47	− 8 40	+ 8	5.77	−0.06	B8	+0.004	−0.010	.		1.7	21.6	3	
1672	5 9 20	+ 5 30	+ 9 50	+ 8	5.43	+0.24	A m	+0.065	−0.004	+.006	+ 37	.	.		G
1673	5 8 43	+ 4 57	− 4 27	+ 8	5.11	+0.45	F5V	+0.043	+0.019	+.042	+ 9	.	.		
1674	5 5 31	+ 1 43	−57 29	+ 8	4.71	+0.53	F8V	−0.037	+0.109	+.078	− 2	.	.		
1675	5 13 3	+ 9 10	+61 51	+ 7	5.97 R	.	A0	+0.016	+0.007	.	− 4	.	.		
1676	5 9 41	+ 5 43	+15 36	+ 8	4.82	+0.31	F2IV	+0.004	−0.015	−.002	+ 31	.	.		
1677	5 2 43	− 1 17	−71 19	+ 8	5.30	+0.99	K0	+0.000	+0.024	+.021	− 11	.	.		
1678	5 13 32	+ 9 19	+62 41	+ 7	6.36 R	.	A2	−0.030	+0.007	.	− 4V	.	.		6
1679	5 9 9	+ 4 47	− 8 45	+ 8	4.27	−0.20	B2IV	+0.003	+0.000	−.007	+ 3V?	.	.		
1680	5 8 15	+ 3 34	−35 43	+ 8	6.51	+1.08	G5	+0.002	+0.001	.		.	.		
1681	5 10 3	+ 5 6	− 0 34	+ 7	6.35 H	.	K0	−0.001	−0.052	.		.	.		
1682	5 0 14	− 5 22	−78 18	+ 8	6.28	+1.51	K0	−0.017	−0.013	.		3.7	46.5		
1683	5 18 13	+ 12 20	+73 16	+ 7	5.73 R	.	A0	+0.000	−0.032	.	+ 0	.	.		R
1684	5 11 42	+ 5 45	+16 2	+ 7	5.18 R	.	K5III	+0.012	+0.006	.	− 6	.	.		
1685	5 10 58	+ 5 3	− 2 15	+ 7	6.32 H	.	G5	+0.075	−0.143	.		.	.		
1686	5 22 33	+ 16 29	+79 14	+ 7	5.02	+0.43	F6V	−0.076	+0.158	+.053	− 10	4.5	34.0		D
1687	5 11 19	+ 5 2	− 2 30	+ 7	5.93 H	.	dF6	+0.072	+0.010	.	+ 31	.	.		
1688	5 15 12	+ 8 48	+59 24	+ 7	6.14 R	.	K0	+0.017	−0.014	.	+ 3	.	.		
1689	5 13 26	+ 6 51	+38 29	+ 7	4.74 R	.	A m	−0.016	−0.076	+.019	+ 23V	.	.		
1690	5 11 39	+ 5 8	+ 0 31	+ 7	6.70	−0.05	B8V	+0.015	+0.004	.		.5	.2		*
1691	5 11 45	+ 5 9	+ 1 2	+ 7	6.01 R	.	F5	−0.012	−0.014	.002D	− 19	1.5	1.8		2
1692	5 14 45	+ 8 2	+53 13	+ 7	6.13 R	.	A0	+0.017	+0.000	.	− 5V?	.	.		
1693	5 11 23	+ 4 40	−11 51	+ 7	5.68	+1.44	gM6	+0.026	+0.057	.	+ 46	.	.		
1694	5 10 45	+ 4 4	−25 54	+ 8	6.39	+1.25	K0	−0.020	+0.058	.		.	.		
1695	5 7 34	+ 0 47	−63 24	+ 8	5.24 H	.	gM4	+0.015	−0.043	+.011	+ 19	.	.		
1696	5 12 18	+ 4 40	−11 52	+ 7	4.46	−0.11	B8V	+0.026	−0.014	.	+ 25V?	6.3	12.8		D
1697	5 12 49	+ 4 54	− 6 3	+ 7	5.91	+0.96	gG7	+0.027	−0.030	.	+ 23	.	.		
1698	5 13 18	+ 5 14	+ 2 52	+ 7	4.46	+1.18	K3III	+0.001	−0.005	−.014	+ 41V	3.8	7.3	3	*
1699	5 11 36	+ 3 27	−37 24	+ 7	6.56	+1.62	K5	+0.000	+0.004	.		.	.		
1700	5 6 10	− 2 0	−73 2	+ 8	6.26	−0.01	A0	+0.024	+0.070	.	+ 8V	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
1701		+ 1 938	33883	6388	.	3100	3799		5 8 20	+ 1 51	199 22	−20 40
1702	5 μ LEP	−16 1072	33904	6382	1184.	3094			5 8 26	−16 19	217 15	−28 55
1703		+ 0 988	33946	6394	.	3102			5 8 39	+ 0 26	200 43	−21 19
1704		− 8 1059	33948	6392	.				5 8 45	− 8 16	209 4	−25 27
1705	4 κ LEP	−13 1092	33949	6387	1185.	3099	3800		5 8 37	−13 4	213 53	−27 34
1706	14 AUR	+32 922	33959	6411	.	3112	3824A		5 8 54	+32 34	173 18	− 3 22
1707	R AUR	+53 882	34019	6435	.	3126	3845	R AUR	5 9 13	+53 28	156 22	+ 8 58
1708	13 α AUR	+45 1077	34029	6427	1187.	3121	3841	VAR?	5 9 18	+45 54	162 34	+ 4 34
1709		+ 4 877	34043	6407	.	3107		VAR?	5 9 25	+ 5 2	196 37	−18 48
1710		−14 1074	34045	6400	.				5 9 27	−14 43	215 41	−28 3
1711	108 TAU	+22 864	34053	6413	.	3116			5 9 27	+22 10	181 53	− 9 20
1712	AE AUR	+34 980	34078	6429	1190.	3123	3843	AE AUR	5 9 42	+34 12	172 5	− 2 16
1713	19 β ORI	− 8 1063	34085	6410	1191.	3110	3823	VAR?	5 9 44	− 8 19	209 14	−25 15
1714		+85 78	34109	6778	.	3313			5 9 52	+85 35	127 32	+25 47
1715		−35 2176	34167	6404	.			VAR?	5 10 13	−35 56	239 26	−34 25
1716	ξ MEN	−82 106	34172	6254	.				5 10 14	−82 36	295 14	−30 28
1717		− 1 837	34180	6425	.	3120			5 10 15	− 1 31	202 45	−21 56
1718	18 ORI	+11 756	34203	6436	.	3127			5 10 31	+11 14	191 17	−15 15
1719	15 CAM	+57 874	34233	6478	.	3149			5 10 50	+58 1	152 42	+11 44
1720		+62 742	34255	6496	.	3157			5 11 2	+62 33	148 51	+14 17
1721		−36 2127	34266	6421	.	3118			5 10 57	−36 5	239 38	−34 18
1722		+42 1239	34269	6469	1195.	3143		VAR?	5 11 7	+42 41	165 22	+ 2 57
1723		−27 2161	34310	6438	.	3128			5 11 24	−27 3	229 13	−31 58
1724		+ 1 957	34317	6451	.				5 11 30	+ 1 50	199 49	−18 0
1725		+40 1240	34332	6481	.	3151			5 11 41	+40 21	167 20	+ 1 40
1726	16 AUR	+33 1000	34334	6473	1198.	3145	3872		5 11 37	+33 16	173 4	− 2 30
1727		−52 677	34347	6423	.				5 11 34	−52 9	259 13	−35 51
1728	17 AR AUR	+33 1002	34364	6476	.	3147		AR AUR	5 11 44	+33 39	172 46	− 2 15
1729	15 λ AUR	+39 1248	34411	6494	1199.	3155	3886		5 12 6	+40 1	167 39	+ 1 32
1730		−35 2199	34435	6450	.				5 12 12	−35 2	238 28	−33 50
1731		−17 1069	34447	6466	.	3142			5 12 21	−17 15	218 38	−28 25
1732		+33 1008	34452	6497	.	3158		VAR?	5 12 25	+33 39	172 51	− 2 8
1733		+44 1170	34498	6508	.	3165			5 12 47	+44 19	164 13	+ 4 8
1734	18 AUR	+33 1010	34499	6504	.	3162	3893		5 12 48	+33 53	172 43	− 1 56
1735	20 τ ORI	− 7 1028	34503	6480	1201.	3150	3877		5 12 45	− 6 57	208 16	−23 58
1736		+46 998	34533	6520	.	3176	3903		5 13 12	+46 52	162 11	+ 5 40
1737		−13 1116	34538	6487	.	3154			5 13 5	−13 38	214 58	−26 48
1738		+40 1253	34557	6516	1203.	3172			5 13 13	+40 59	166 59	+ 2 16
1739	109 TAU	+21 816	34559	6506	1204.	3163			5 13 16	+22 0	182 32	− 8 42
1740	19 AUR	+33 1013	34578	6515	.	3171		VAR?	5 13 25	+33 51	172 49	− 1 51
1741		+19 893	34579	6507	1205.	3164	3894		5 13 20	+20 2	184 11	− 9 48
1742		−52 683	34587	6459	.				5 13 20	−52 18	259 24	−35 34
1743	o COL	−35 2214	34642	6495	1208.	3156			5 13 53	−35 0	238 31	−33 30
1744	θ DOR	−67 401	34649	6444	1207.	3133			5 13 50	−67 18	277 39	−34 16
1745		+77 195	34653	6647	.	3242			5 14 2	+77 53	135 7	+22 23
1746	21 ORI	+ 2 916	34658	6509	1210.	3167		VAR?	5 13 58	+ 2 30	199 32	−19 8
1747		−18 1051	34721	6511	1213.	3168	3899		5 14 23	−18 14	219 53	−28 20
1748		− 1 859	34748	6522	.	3177			5 14 31	− 1 31	203 19	−21 1
1749	20 ρ AUR	+41 1162	34759	6556	.	3195			5 14 44	+41 42	166 34	+ 2 55
1750		+27 758	34762	6543	.	3186			5 14 43	+27 51	177 53	− 5 5

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
1701	5 13 32	+ 5 12	+ 1 58	+ 7	6.23 R	.	A2+G	+0.010	+0.013	.004D	+ 7	.2	.6	3	D
1702	5 12 56	+ 4 30	−16 12	+ 7	3.28	−0.11	A p	+0.042	−0.026	+.018	+ 28	.	.		
1703	5 13 47	+ 5 8	+ 0 33	+ 7	6.39 R	.	K2	+0.003	−0.024	.	− 11	.	.		
1704	5 13 33	+ 4 48	− 8 9	+ 7	6.38	−0.14	A0	+0.001	+0.002	.		.	.		
1705	5 13 14	+ 4 37	−12 57	+ 7	4.36	−0.10	B8V	−0.015	−0.008	+.030	+ 18	2.9	3.0		D
1706	5 15 25	+ 6 31	+32 41	+ 7	5.06 R	+0.20	A9V	−0.020	+0.011	.007D	− 10V	2.2	14.9	4	*
1707	5 17 18	+ 8 5	+53 35	+ 7	6.5 H	.	gM7e	+0.022	−0.022	.	+ 8	2.1	48.0		D
1708	5 16 41	+ 7 23	+46 0	+ 6	0.09	+0.80	G8III?+F	+0.083	−0.427	+.073	+ 30V	8.0	484.6	9	*
1709	5 14 44	+ 5 19	+ 5 9	+ 7	5.51	+1.37	gK4	−0.006	+0.009	.	− 8	.	.		
1710	5 14 0	+ 4 33	−14 36	+ 7	6.20	+0.38	F2	−0.003	+0.010	.		.	.		
1711	5 15 28	+ 6 1	+22 17	+ 7	6.13 R	+0.08	A2IV	−0.004	−0.013	.	− 7	.	.		6
1712	5 16 19	+ 6 37	+34 19	+ 7	5.3 H	.	O9.5V	+0.012	+0.027	−.007	+ 59	3.3	8.4		D
1713	5 14 32	+ 4 48	− 8 12	+ 7	0.08	−0.03	B8Ia	+0.001	+0.000	−.003	+ 21V	7.0	9.9	4	*
1714	5 43 47	+ 33 55	+85 40	+ 5	6.58 R	.	A0	−0.009	+0.004	.	− 14	.	.		
1715	5 13 46	+ 3 33	−35 49	+ 7	6.97 H	.	K0	+0.028	−0.051	.		.	.		
1716	4 58 51	− 11 23	−82 28	+ 8	5.84	+0.93	G8III	−0.002	+0.002	.	− 5	.	.		
1717	5 15 19	+ 5 4	− 1 24	+ 7	6.14	+0.04	F2	−0.043	+0.038	.	+ 14	.	.		
1718	5 16 4	+ 5 33	+11 21	+ 7	5.46 R	−0.02	A0III	−0.003	−0.010	.	− 8	.	.		
1719	5 19 28	+ 8 38	+58 7	+ 6	6.09 R	.	B3IV	+0.009	−0.022	.	− 3V	.	.		G
1720	5 20 22	+ 9 20	+62 39	+ 6	5.67 R	.	cK4	+0.003	+0.003	.	− 6	.	.		
1721	5 14 29	+ 3 32	−35 58	+ 7	5.74	+1.00	gG8	+0.007	+0.004	.	+ 13V	.	.		
1722	5 18 16	+ 7 9	+42 48	+ 7	5.63 R	.	gM4	+0.042	−0.024	+.004	− 38	.	.		
1723	5 15 25	+ 4 1	−26 56	+ 7	5.06	−0.10	B9	+0.005	−0.018	.	+ 29	.	.		
1724	5 16 42	+ 5 12	+ 1 57	+ 7	6.43	−0.02	A0V	−0.010	−0.008	.		.	.		G
1725	5 18 40	+ 6 59	+40 27	+ 6	6.18 R	.	K0	+0.021	−0.017	.	− 17	.	.		
1726	5 18 11	+ 6 34	+33 22	+ 6	4.65 R	.	K3III	+0.050	−0.163	+.010	− 28V	5.8	4.5		*
1727	5 13 53	+ 2 19	−52 2	+ 7	6.04	+1.39	K5	−0.011	−0.025	.		.	.		
1728	5 18 19	+ 6 35	+33 45	+ 6	5.8 H	−0.06	B9	+0.016	−0.033	.	+ 25V	.	.		*
1729	5 19 8	+ 7 2	+40 6	+ 5	4.74	+0.62	G0V	+0.528	−0.659	+.066	+ 66	3.8	146.6	4	G
1730	5 15 48	+ 3 36	−34 55	+ 7	6.66	+0.15	A m	−0.026	+0.027	.		.	.		
1731	5 16 48	+ 4 27	−17 8	+ 7	6.48 H	.	B3	−0.011	+0.024	.	+ 12	.	.		
1732	5 19 0	+ 6 35	+33 45	+ 6	5.38 R	−0.17	A p	+0.015	−0.028	.	+ 29	.	.		D
1733	5 20 3	+ 7 16	+44 25	+ 6	6.59 R	.	K0	+0.007	−0.012	.	+ 13	.	.		
1734	5 19 24	+ 6 36	+33 59	+ 6	6.48 R	.	A5	+0.014	−0.013	.	+ 7	5.3	4.2		
1735	5 17 36	+ 4 51	− 6 51	+ 6	3.59	−0.12	B5III	−0.015	−0.005	+.000	+ 20	7.2	36.2	4	
1736	5 20 40	+ 7 28	+46 58	+ 6	6.43 R	.	F0	+0.006	−0.005	.	+ 17	2.0	23.4		D
1737	5 17 41	+ 4 36	−13 32	+ 6	5.50	+0.93	sgG9	−0.013	−0.045	.	+ 75	.	.		
1738	5 20 15	+ 7 2	+41 5	+ 6	5.42 R	.	A3	+0.002	−0.060	+.008	+ 13	.	.		
1739	5 19 17	+ 6 1	+22 6	+ 6	5.00 R	.	G8III	+0.014	−0.083	+.009	+ 19	.	.		
1740	5 20 1	+ 6 36	+33 57	+ 6	5.03	+0.27	A5II	+0.001	−0.013	.	− 4	.	.		
1741	5 19 15	+ 5 55	+20 8	+ 6	6.07 R	.	G8II-III	−0.035	−0.029	+.014	− 47	3.9	9.1		D
1742	5 15 38	+ 2 18	−52 11	+ 7	6.49	+1.20	K0	+0.015	+0.026	.		.	.		
1743	5 17 29	+ 3 36	−34 54	+ 6	4.82	+1.00	K0IV	+0.081	−0.336	+.012	+ 21	.	.		
1744	5 13 45	− 0 5	−67 11	+ 7	4.82	+1.28	K2III	+0.006	+0.033	−.012	+ 11V	.	.		
1745	5 29 26	+ 15 24	+77 59	+ 6	6.54 R	.	A4n	+0.011	−0.013	.	− 16	.	.		
1746	5 19 11	+ 5 13	+ 2 36	+ 6	5.34	+0.42	F5II	−0.016	−0.046	+.018	+ 11	.	.		
1747	5 18 50	+ 4 27	−18 8	+ 6	5.95	+0.58	dG0	+0.382	+0.062	+.059	+ 40	7.8	31.8	3	*
1748	5 19 35	+ 5 4	− 1 25	+ 6	6.32	−0.10	B1.5V	−0.007	−0.005	.	+ 19V	.	.		*
1749	5 21 49	+ 7 5	+41 48	+ 6	5.09 R	−0.18	B5V	+0.020	−0.035	.	+ 5	.	.		G
1750	5 21 0	+ 6 17	+27 57	+ 6	6.26 R	+0.04	B8V	−0.009	−0.017	.	+ 7V	.	.		R

BS = HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
1751	16 CAM	+57 879	34787	6578	1214.	3209			5 14 54	+57 27	153 29	+11 52
1752		+29 869	34790	6550	.	3193			5 14 51	+29 28	176 34	− 4 8
1753		−18 1055	34798	6524	.		3910A		5 14 54	−18 37	220 20	−28 22
1754		−18 1056	34797	6525	.		3910B		5 14 55	−18 36	220 19	−28 22
1755		+19 902	34810	6548	.	3192			5 15 2	+19 43	184 40	− 9 39
1756	6 λ LEP	−13 1127	34816	6531	1215.	3179			5 14 58	−13 17	214 50	−26 15
1757	7 ν LEP	−12 1132	34863	6538	.	3184			5 15 21	−12 25	214 0	−25 48
1758		−27 2204	34868	6535	.				5 15 25	−27 28	229 59	−31 14
1759		− 5 1225	34880	6547	.		3926		5 15 32	− 5 28	207 11	−22 40
1760		+40 1268	34904	6582	.	3214			5 15 49	+40 56	167 19	+ 2 38
1761		+ 3 857	34959	6569	.	3201			5 16 3	+ 3 55	198 32	−17 58
1762		−21 1135	34968	6559	1218.	3196	3930	VAR?	5 16 11	−21 20	223 21	−29 5
1763		+ 8 933	34989	6574	.	3206			5 16 17	+ 8 20	194 37	−15 37
1764		− 0 929	35007	6572	.	3205	3941		5 16 26	− 0 31	202 38	−20 6
1765	22 ORI	− 0 930	35039	6579	.	3211			5 16 39	− 0 29	202 38	−20 2
1766		−34 2198	35046	6565	.				5 16 45	−34 48	238 26	−32 53
1767	ζ PIC	−50 1723	35072	6553	1220.	3194			5 16 55	−50 43	257 29	−34 59
1768	22 AUR	+28 788	35076	6609	.	3226			5 17 3	+28 50	177 22	− 4 6
1769		−13 1135	35104	6591	.				5 17 16	−13 51	215 40	−25 58
1770	23 ORI	+ 3 871	35149	6607	.	3225	3962A		5 17 35	+ 3 27	199 9	−17 52
1771		−24 3023	35162	6596	1221.	3221	3954A		5 17 40	−24 52	227 18	−29 57
1772		−34 2207	35165	6588	.	3217	I		5 17 40	−34 27	238 5	−32 37
1773	21 σ AUR	+37 1175	35186	6636	1223.	3237	3984		5 17 51	+37 18	170 31	+ 0 53
1774	110 TAU	+16 765	35189	6623	.	3231			5 17 51	+16 36	187 41	−10 50
1775		+31 954	35238	6642	.	3238			5 18 12	+31 8	175 37	− 2 35
1776		+31 955	35239	6643	.	3239			5 18 12	+31 3	175 41	− 2 38
1777		+ 5 905	35242	6626	.	3232			5 18 12	+ 5 14	197 38	−16 50
1778		− 8 1107	35281	6629	.		3978		5 18 31	− 8 30	210 29	−23 24
1779		+34 1031	35295	6650	.	3244	4000A		5 18 34	+34 46	172 41	+ 0 27
1780	111 TAU	+17 920	35296	6645	1224.	3240			5 18 35	+17 17	187 12	−10 18
1781		− 0 936	35299	6632	.	3235			5 18 35	− 0 15	202 40	−19 30
1782		− 1 882	35317	6637	.		3991		5 18 46	− 0 58	203 21	−19 49
1783	8 LEP	−14 1119	35337	6635	.	3236			5 18 56	−14 1	216 1	−25 40
1784	29 ORI	− 7 1064	35369	6646	1226.	3241			5 19 8	− 7 54	209 59	−22 59
1785		−26 2185	35386	6634	.				5 19 11	−26 48	229 33	−30 14
1786		+ 2 947	35407	6656	.	3248			5 19 23	+ 2 16	200 28	−18 5
1787	27 ORI	− 1 886	35410	6654	1227.	3246			5 19 24	− 0 59	203 27	−19 41
1788	28 η ORI	− 2 1235	35411	6655	1228.	3247	4002	η ORI	5 19 27	− 2 29	204 52	−20 24
1789	25 ORI	+ 1 1005	35439	6660	.	3249		VAR?	5 19 33	+ 1 45	200 58	−18 18
1790	24 γ ORI	+ 6 919	35468	6668	1229.	3252		VAR?	5 19 46	+ 6 16	196 55	−15 58
1791	112 β TAU	+28 795	35497	6681	1231.	3257			5 19 58	+28 31	178 0	− 3 45
1792		−17 1117	35505	6666	.				5 20 1	−17 4	219 15	−26 39
1793		−39 1940	35515	6648	.				5 20 6	−39 46	244 24	−33 13
1794		+35 1102	35519	6691	.	3264			5 20 13	+35 23	172 22	+ 0 11
1795		+34 1040	35520	6689	.	3261			5 20 11	+34 18	173 15	+ 0 27
1796		+33 1045	35521	6693	.	3265			5 20 18	+33 11	174 11	− 1 3
1797		−37 2176	35528	6653	.				5 20 12	−37 26	241 40	−32 46
1798	113 TAU	+16 775	35532	6683	.	3259			5 20 19	+16 37	188 0	−10 20
1799		−10 1178	35536	6672	.	3253			5 20 19	−10 25	212 35	−23 50
1800		− 0 945	35548	6676	.		4020		5 20 25	− 0 38	203 16	−19 17

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
1751	5 23 28	+ 8 34	+57 33	+ 6	5.14 R	.	A0	+0.027	−0.057	+.019	+ 10V	.	.		6
1752	5 21 13	+ 6 22	+29 34	+ 6	5.72 R	+0.06	A2V	+0.008	+0.002	.	− 19V	.	.		R
1753	5 19 17	+ 4 23	−18 31	+ 6	6.17 H	−0.12	B8	+0.013	+0.012	.		.2	39.7		D
1754	5 19 18	+ 4 23	−18 30	+ 6	6.36 H	−0.18	B8	+0.006	+0.000	.		.2	39.7		D
1755	5 20 57	+ 5 55	+19 49	+ 6	6.29 R	.	K0III	−0.003	−0.017	.	+ 0	.	.		
1756	5 19 34	+ 4 36	−13 11	+ 6	4.28	−0.28	B0.5IV	−0.003	−0.005	−.003	+ 20	.	.		
1757	5 19 59	+ 4 38	−12 19	+ 6	5.29 H	.	B7?V?nn	−0.007	+0.010	.	+ 16	.	.		
1758	5 19 24	+ 3 59	−27 22	+ 6	5.98	−0.04	A0IV	−0.003	−0.004	.	+ 18	.	.		
1759	5 20 27	+ 4 55	− 5 22	+ 6	6.38	−0.03	B9	−0.010	+0.030	.		4.7	4.6		3
1760	5 22 51	+ 7 2	+41 2	+ 6	5.51 R	.	A3	−0.009	+0.003	.	− 14	.	.		
1761	5 21 19	+ 5 16	+ 4 1	+ 6	6.52	−0.11	B5p	−0.001	−0.008	.	+ 5	.	.		G
1762	5 20 27	+ 4 16	−21 14	+ 6	4.70	−0.05	A0V	+0.006	+0.002	−.003	+ 30	4.7	4.4		7
1763	5 21 44	+ 5 27	+ 8 26	+ 6	5.80	−0.12	B1V	+0.001	+0.002	.	+ 26V?	.	.		G
1764	5 21 32	+ 5 6	− 0 25	+ 6	5.67	−0.12	B3V	−0.003	+0.003	.	+ 7	6.0	36.8	3	G
1765	5 21 45	+ 5 6	− 0 23	+ 6	4.73	−0.17	B2IV	+0.003	−0.001	.	+ 29	.	.		G
1766	5 20 21	+ 3 36	−34 42	+ 6	6.33	+0.34	dF1	−0.015	−0.003	.		.	.		
1767	5 19 22	+ 2 27	−50 37	+ 6	5.44	+0.51	F8III	+0.014	+0.224	+.016	+ 45	.	.		
1768	5 23 23	+ 6 20	+28 56	+ 6	6.38 R	−0.01	B9V	+0.022	−0.031	.	+ 9V	.	.		
1769	5 21 51	+ 4 35	−13 45	+ 6	6.47 H	−0.08	B8	+0.007	−0.006	.		.	.		
1770	5 22 50	+ 5 15	+ 3 33	+ 6	4.99	−0.15	B1V	−0.003	−0.001	.	+ 18	2.0	32.2		*
1771	5 21 46	+ 4 6	−24 46	+ 6	5.45 H	.	G7II-III	−0.024	−0.013	−.004	+ 5	1.2	3.3	3	D
1772	5 21 17	+ 3 37	−34 21	+ 6	6.10	−0.20	B5p	+0.001	+0.002	.	+ 20V?	5.7	2.2		S
1773	5 24 39	+ 6 48	+37 24	+ 6	5.02 R	.	K4III	+0.004	−0.010	+.004	− 19	6.0	8.7	4	D
1774	5 23 38	+ 5 47	+16 42	+ 6	6.02 R	+0.14	A2V	−0.026	−0.020	.	+ 21V	.	.		
1775	5 24 39	+ 6 27	+31 14	+ 6	6.22 R	.	K1III	−0.038	−0.011	.	+ 40V?	.	.		
1776	5 24 39	+ 6 27	+31 9	+ 6	5.90 R	+0.03	B9III	−0.006	−0.009	.	+ 8	.	.		
1777	5 23 31	+ 5 19	+ 5 20	+ 6	6.34	+0.12	A0	−0.024	−0.003	.	+ 9	.	.		
1778	5 23 19	+ 4 48	− 8 24	+ 6	5.98	−0.04	B8	+0.003	−0.015	.013D		1.8	6.1		2
1779	5 25 13	+ 6 39	+34 51	+ 5	6.34 R	.	K1III-IVp	−0.001	−0.042	.	− 15	1.5	32.2		D
1780	5 24 25	+ 5 50	+17 23	+ 6	4.98	+0.54	F8V	+0.249	−0.010	+.064	+ 37	.	.		
1781	5 23 42	+ 5 7	− 0 9	+ 6	5.70	−0.22	B2V	−0.009	+0.004	.	+ 22	.	.		G
1782	5 23 51	+ 5 5	− 0 52	+ 6	6.11 H	.	dF7	−0.004	−0.008	.021D		1.5	2.4	3	D
1783	5 23 31	+ 4 35	−13 55	+ 6	5.24	−0.22	B2IV	+0.001	+0.005	.	+ 18V	.	.		
1784	5 23 57	+ 4 49	− 7 48	+ 6	4.13	+0.96	G8III	−0.015	−0.042	+.006	− 18	.	.		
1785	5 23 12	+ 4 1	−26 42	+ 6	6.48	+0.50	dF6	+0.024	+0.009	.		.	.		
1786	5 24 36	+ 5 13	+ 2 22	+ 6	6.32	−0.16	B5V	+0.012	−0.006	.	− 8V	.	.		G
1787	5 24 29	+ 5 5	− 0 53	+ 6	5.15 H	.	K0III	−0.006	+0.133	+.016	+ 21V?	.	.		
1788	5 24 29	+ 5 2	− 2 23	+ 6	3.35	−0.19	B0.5V	+0.007	+0.004	+.004	+ 20V	1.0	1.7	3	*
1789	5 24 44	+ 5 11	+ 1 50	+ 5	4.94	−0.21	B1V?pe	+0.000	+0.000	.	+ 19	.	.		G
1790	5 25 8	+ 5 22	+ 6 21	+ 5	1.64	−0.23	B2III	−0.006	−0.014	+.026	+ 18	.	.		N
1791	5 26 17	+ 6 19	+28 36	+ 5	1.65	−0.13	B7III	+0.030	−0.175	+.018	+ 8	.	.		N
1792	5 24 28	+ 4 27	−16 59	+ 5	5.64	+0.00	A0	+0.016	−0.025	.		.	.		
1793	5 23 24	+ 3 18	−39 40	+ 6	5.81 H	+1.62	gM1	+0.013	+0.002	.		.	.		
1794	5 26 54	+ 6 41	+35 28	+ 5	6.11	+1.46	K2	−0.016	−0.011	.	− 21	.	.		G
1795	5 26 49	+ 6 38	+34 23	+ 5	5.82 R	+0.14	cA ?	+0.011	−0.014	.	+ 7	.	.		
1796	5 26 52	+ 6 34	+33 16	+ 5	6.17 R	.	K0	+0.018	−0.003	.	− 9	.	.		
1797	5 23 39	+ 3 27	−37 20	+ 6	6.80	+1.04	G5	+0.026	+0.007	.		.	.		
1798	5 26 6	+ 5 47	+16 42	+ 5	6.16 R	.	B3n	−0.006	−0.006	.	+ 31	.	.		
1799	5 25 2	+ 4 43	−10 20	+ 5	5.60	+1.56	gK5	−0.018	−0.021	.	+ 57	.	.		
1800	5 25 31	+ 5 6	− 0 33	+ 5	6.25 H	−0.02	B9	+0.012	−0.006	.002D		.6	.3		2

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
1801		−56 840	35580	6644	.				5 20 32	−56 14	264 12	−34 31
1802	17 CAM	+62 759	35583	6744	.	3292			5 20 43	+62 59	149 5	+15 27
1803		+ 0 1056	35588	6685	.	3260		VAR?	5 20 39	+ 0 25	202 19	−18 44
1804		+30 898	35600	6703	.	3268			5 20 44	+30 7	176 46	− 2 43
1805	24 ϕ AUR	+34 1048	35620	6715	1234.	3275			5 21 1	+34 23	173 17	+ 0 15
1806		− 5 1247	35640	6694	.				5 21 8	− 5 37	208 2	−21 30
1807		+ 6 923	35656	6704	.				5 21 16	+ 6 47	196 40	−15 22
1808	115 TAU	+17 928	35671	6714	.	3273	4038		5 21 20	+17 53	187 3	− 9 26
1809		+15 822	35693	6716	.	3276			5 21 31	+15 11	189 23	−10 52
1810	114 TAU	+21 847	35708	6723	.	3282	4048		5 21 38	+21 51	183 45	− 7 11
1811	30 ψ ORI	+ 2 962	35715	6713	1235.	3272	4039	VAR?	5 21 36	+ 3 1	200 5	−17 13
1812		−19 1173	35736	6700	.	3267	4034A		5 21 40	−19 47	222 14	−27 19
1813		−44 2036	35765	6688	.				5 21 57	−44 19	249 51	−33 35
1814	116 TAU	+15 826	35770	6729	.	3285			5 22 1	+15 47	188 56	−10 26
1815		−81 134	35798	6530	.				5 22 6	−81 39	294 2	−30 23
1816	117 TAU	+17 931	35802	6733	.	3287			5 22 13	+17 10	187 47	− 9 39
1817		−12 1169	35850	6726	.	3284			5 22 25	−11 59	214 22	−24 3
1818	θ PIC	−52 718	35860	6695	.		I		5 22 30	−52 24	259 34	−34 11
1819		+13 903	35909	6753	.	3299			5 22 56	+13 36	190 56	−11 26
1820		+ 1 1021	35912	6743	.	3291			5 22 51	+ 1 13	201 53	−17 51
1821	118 TAU	+25 839	35943	6764	.	3305	4068A		5 23 7	+25 4	181 15	− 5 7
1822		+29 909	35984	6772	.	3309			5 23 19	+29 6	177 55	− 2 49
1823		−21 1174	35991	6747	.	3295			5 23 21	−21 28	224 10	−27 34
1824		+41 1206	36040	6797	.	3325			5 23 45	+41 23	167 47	+ 4 8
1825		+39 1322	36041	6796	.	3324			5 23 47	+39 45	169 9	+ 3 13
1826		− 3 1115	36058	6771	.		4078		5 23 57	− 3 23	206 16	−19 50
1827		−41 1884	36060	6748	.		I		5 23 53	−41 2	246 2	−32 44
1828	18 CAM	+57 889	36066	6814	1245.	3338			5 24 0	+57 9	154 26	+12 45
1829	9 β LEP	−20 1096	36079	6762	1246.	3303	4066		5 23 58	−20 50	223 33	−27 12
1830		− 3 1116	36134	6779	.	3315			5 24 25	− 3 32	206 28	−19 48
1831		+22 925	36160	6807	.	3332			5 24 41	+22 23	183 42	− 6 18
1832		+15 837	36162	6805	.	3331			5 24 43	+15 17	189 43	−10 10
1833		+ 1 1032	36166	6800	.	3327			5 24 43	+ 1 43	201 40	−17 12
1834	31 CI ORI	− 1 913	36167	6792	1249.	3322	4097	CI ORI	5 24 39	− 1 10	204 18	−18 38
1835		−37 2220	36187	6774	.	3310			5 24 49	−37 19	241 46	−31 50
1836	λ DOR	−59 472	36189	6749	1251.	3297			5 24 52	−59 0	267 32	−33 52
1837	CK ORI	+ 4 949	36217	6806	.			CK ORI	5 25 3	+ 4 7	199 32	−15 56
1838		−30 2421	36255	6791	.				5 25 16	−30 12	233 45	−29 58
1839	32 ORI	+ 5 939	36267	6813	1252.	3336	4115		5 25 26	+ 5 52	198 2	−14 57
1840		− 7 1099	36285	6810	.	3334			5 25 31	− 7 31	210 23	−21 24
1841					.							
1842	33 ORI	+ 3 948	36351	6823	.	3342	4123		5 26 0	+ 3 13	200 28	−16 10
1843	25 χ AUR	+32 1024	36371	6849	.	3363			5 26 13	+32 7	175 46	+ 0 37
1844		+74 252	36384	6938	.	3427		VAR?	5 26 21	+74 59	138 15	+21 42
1845	119 TAU	+18 875	36389	6841	1253.	3354		CE TAU	5 26 21	+18 31	187 11	− 8 5
1846		+41 1218	36404	6857	.	3366			5 26 22	+42 2	167 31	+ 4 54
1847		+16 794	36408	6843	.	3356	4131A		5 26 26	+16 59	188 29	− 8 54
1848		− 6 1207	36430	6835	.	3348			5 26 29	− 6 47	209 48	−20 52
1849	10 LEP	−20 1105	36473	6837	1260.	3350			5 26 51	−20 56	223 56	−26 37
1850		+32 1028	36484	6865	.	3369			5 26 55	+32 44	175 20	+ 0 10

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
1801	5 22 23	+ 1 51	−56 8	+ 6	6.10	−0.10	B9	−0.003	+0.023	.		.	.		
1802	5 30 10	+ 9 27	+63 4	+ 5	5.53 R	.	gM1	+0.001	−0.004	.	− 19	.	.		
1803	5 25 47	+ 5 8	+ 0 30	+ 5	6.17	−0.18	B3V	−0.004	+0.020	.	− 24V	.	.		G
1804	5 27 8	+ 6 24	+30 12	+ 5	5.65 R	+0.18	B9Ib	+0.013	−0.012	.	+ 17	.	.		G
1805	5 27 39	+ 6 38	+34 28	+ 5	5.12 R	.	K3p	+0.001	−0.050	+.011	+ 31	.	.		
1806	5 26 3	+ 4 55	− 5 32	+ 5	6.26	−0.05	B9V?	+0.013	+0.010	.		.	.		G
1807	5 26 39	+ 5 23	+ 6 52	+ 5	6.43	−0.03	B9	+0.003	−0.012	.		.	.		
1808	5 27 10	+ 5 50	+17 58	+ 5	5.30 R	.	B5V	+0.010	−0.029	.	+ 19	4.8	10.3	3	G
1809	5 27 14	+ 5 43	+15 16	+ 5	6.01 R	+0.07	A2Vp?	−0.012	−0.004	.	+ 25	.	.		
1810	5 27 38	+ 6 0	+21 56	+ 5	4.83 R	.	B3V	+0.006	−0.009	.	+ 14	5.6	59.8	4	*
1811	5 26 50	+ 5 14	+ 3 6	+ 5	4.58	−0.22	B2IV	+0.003	−0.003	−.023	+ 12V	5.6	3.0	3	*
1812	5 26 0	+ 4 20	−19 42	+ 5	5.64	+0.45	dF4	+0.006	−0.021	.	+ 6	1.5	28.7		D
1813	5 24 56	+ 2 59	−44 14	+ 5	5.90 H	.	K0	−0.009	+0.002	.		.	.		
1814	5 27 46	+ 5 45	+15 52	+ 5	5.47 R	+0.01	B9V	+0.009	−0.024	.	+ 15	.	.		
1815	5 12 25	− 9 41	−81 33	+ 6	6.50	+1.11	G5	+0.028	+0.045	.		.	.		
1816	5 28 1	+ 5 48	+17 15	+ 5	6.86 R	.	gM1	+0.023	−0.052	.	− 23	.	.		
1817	5 27 4	+ 4 39	−11 54	+ 5	6.37 H	.	dF7	+0.012	−0.048	.	+ 19	.	.		
1818	5 24 46	+ 2 16	−52 19	+ 5	6.32 H	.	A0	−0.019	−0.032	.004D		.5	38.8	3	D
1819	5 28 35	+ 5 39	+13 41	+ 5	6.23 R	+0.15	A4V	+0.015	−0.020	.	+ 27	.	.		
1820	5 28 1	+ 5 10	+ 1 18	+ 5	6.38	−0.18	B2	+0.018	+0.004	.	+ 34	.	.		G
1821	5 29 16	+ 6 9	+25 9	+ 5	6.40 R	−0.04	B9V	+0.014	−0.033	.014D	+ 16	.8	5.1	3	D
1822	5 29 40	+ 6 21	+29 11	+ 5	6.17 R	.	dF2	+0.026	−0.056	.	+ 13	.	.		
1823	5 27 37	+ 4 16	−21 23	+ 5	6.06	+1.04	gG7	+0.013	+0.038	.	+ 34	.	.		
1824	5 30 49	+ 7 4	+41 28	+ 5	5.96 R	.	K0p	−0.016	−0.042	.	+ 14	.	.		S
1825	5 30 45	+ 6 58	+39 50	+ 5	6.38 R	.	G9III	+0.025	−0.043	.	+ 12	1.2	75.		D
1826	5 28 56	+ 4 59	− 3 18	+ 5	6.17 H	−0.04	B9	−0.036	−0.014	.003D		.3	.8		2
1827	5 27 6	+ 3 13	−40 57	+ 5	5.86	+0.23	A m	−0.001	+0.091	.		8.2	20.4		D
1828	5 32 34	+ 8 34	+57 13	+ 4	6.40 R	.	dF7	+0.126	−0.217	+.012	+ 37	.	.		
1829	5 28 15	+ 4 17	−20 45	+ 5	2.84	+0.82	G5III	+0.000	−0.090	+.014	− 14	7.0	241.5	5	D
1830	5 29 24	+ 4 59	− 3 27	+ 5	5.82	+1.14	gG8	−0.045	−0.007	.	+ 23	.	.		
1831	5 30 43	+ 6 2	+22 28	+ 5	6.36 R	.	K0	+0.047	−0.018	.	+ 2	.	.		
1832	5 30 26	+ 5 43	+15 22	+ 5	5.74 R	+0.14	A3V	−0.025	−0.053	.	− 12	.	.		
1833	5 29 54	+ 5 11	+ 1 48	+ 5	5.79	−0.20	B1.5V	+0.009	−0.003	.	+ 12	.	.		G
1834	5 29 44	+ 5 5	− 1 5	+ 5	4.70	+1.57	K4III	+0.004	−0.022	+.004	+ 8	5.2	12.7		D
1835	5 28 16	+ 3 27	−37 14	+ 5	5.56	+0.02	A1	+0.001	+0.073	.	+ 50	.	.		
1836	5 26 20	+ 1 28	−58 55	+ 5	5.13	+0.99	G5	−0.018	+0.023	+.007	+ 10	.	.		
1837	5 30 20	+ 5 17	+ 4 12	+ 5	6.7 H	.	K2III	+0.003	−0.047	.	+ 15	.	.		
1838	5 29 6	+ 3 50	−30 7	+ 5	6.62 H	.	gK0	−0.009	+0.014	.		.	.		
1839	5 30 47	+ 5 21	+ 5 57	+ 5	4.21	−0.15	B5IV	+0.012	−0.034	+.001	+ 21	1.5	1.0		*
1840	5 30 21	+ 4 50	− 7 26	+ 5	6.35	−0.17	B1.5V	−0.013	+0.002	.	+ 11	.	.		G
1841															
1842	5 31 15	+ 5 15	+ 3 18	+ 5	5.44	−0.20	B1.5V	+0.001	+0.004	.001D	+ 20	1.3	2.1	3	*
1843	5 32 44	+ 6 31	+32 11	+ 4	4.89 R	.	B5Iab	+0.004	−0.005	.	− 0V	.	.		*
1844	5 39 44	+ 13 23	+75 3	+ 4	6.18 R	.	gM0	−0.006	+0.023	.	− 3	.	.		
1845	5 32 13	+ 5 52	+18 35	+ 4	4.73 H	.	M2Ib	+0.006	−0.004	+.000	+ 23	.	.		
1846	5 33 29	+ 7 7	+42 6	+ 4	6.28 R	−0.03	B8	+0.003	−0.004	.	+ 1	.	.		
1847	5 32 14	+ 5 48	+17 3	+ 4	5.42BR	−0.04	B7IV	+0.001	−0.012	.009D	+ 15V	.5	10.0		*
1848	5 31 21	+ 4 52	− 6 42	+ 5	6.24	−0.16	B2V	+0.010	+0.002	.	+ 23	.	.		G
1849	5 31 8	+ 4 17	−20 52	+ 4	5.54	−0.01	A0	+0.006	−0.043	+.009	− 11	.	.		
1850	5 33 28	+ 6 33	+32 48	+ 4	6.48 R	+0.09	A m	+0.013	−0.065	.	+ 34	.	.		6

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
1851	34 δ ORI	− 0 982	36485	6848	1261.	3362	4134C		5 26 54	− 0 22	203 51	−17 45
1852	34 δ ORI	− 0 983	36486	6847	.	3361	4134A	δ ORI	5 26 54	− 0 22	203 51	−17 45
1853		+66 401	36496	6909	.	3393			5 27 2	+66 38	146 8	+17 52
1854		+34 1083	36499	6868	.	3370			5 27 0	+34 39	173 45	+ 0 55
1855	36 υ ORI	− 7 1106	36512	6850	.	3364			5 27 6	− 7 23	210 27	−19 0
1856		−47 1884	36553	6830	.	3344	R 974		5 27 24	−47 9	253 21	−32 59
1857	19 CAM	+64 536	36570	6917	1261.1		4177		5 27 34	+64 5	148 30	+16 40
1858	120 TAU	+18 877	36576	6879	.	3377			5 27 40	+18 28	187 23	− 7 51
1859		−68 375	36584	6795	.	3323	I		5 27 31	−68 42	279 5	−32 47
1860		+20 989	36589	6881	.				5 27 42	+20 24	185 45	− 6 48
1861		− 1 935	36591	6863	.	3368	4141	VAR?	5 27 38	− 1 40	205 8	−18 13
1862	ϵ COL	−35 2348	36597	6846	1262.	3359			5 27 40	−35 33	239 54	−30 53
1863		− 1 939	36646	6878	.	3376	4150		5 28 4	− 1 48	205 19	−18 11
1864	35 ORI	+14 947	36653	6886	.	3381			5 28 13	+14 14	191 5	−10 0
1865	11 α LEP	−17 1166	36673	6875	1265.	3373	4146		5 28 19	−17 54	220 57	−25 9
1866		+54 914	36678	6921	.	3399			5 28 23	+54 22	157 11	+11 49
1867		−62 479	36689	6832	.				5 28 23	−62 23	271 34	−33 17
1868	VV ORI	− 1 943	36695	6884	.	3380		VV ORI	5 28 27	− 1 14	204 51	−17 50
1869		+47 1178	36719	6922	.	3400			5 28 43	+47 39	163 0	+ 8 18
1870		−46 1892	36734	6864	.				5 28 46	−46 0	252 2	−32 37
1871		+ 1 1058	36741	6891	.	3384			5 28 48	+ 1 20	202 32	−16 30
1872	38 ORI	+ 3 964	36777	6896	1268.	3386			5 29 1	+ 3 42	200 26	−15 17
1873		− 1 949	36779	6893	.	3385	4159		5 28 59	− 1 6	204 47	−17 39
1874		− 1 950	36780	6894	.				5 29 0	− 1 32	205 11	−17 51
1875	121 TAU	+23 954	36819	6916	.	3397			5 29 21	+23 58	182 57	− 4 32
1876	37 ϕ^1 ORI	+ 9 877	36822	6907	1269.	3390			5 29 20	+ 9 25	195 24	−12 18
1877		−38 2085	36848	6889	1270.	3382			5 29 29	−38 35	243 27	−31 13
1878		+27 806	36859	6930	.	3409			5 29 39	+27 36	179 57	− 2 30
1879	39 λ ORI	+ 9 879	36861	6915	1271.	3395	4179A	VAR?	5 29 38	+ 9 52	195 3	−12 0
1880	39 λ ORI	+ 9 879	36862		.		4179B	VAR?	5 29 38	+ 9 52	195 3	−12 0
1881		−35 2367	36874	6890	.	3383		VAR?	5 29 33	−35 12	239 37	−30 25
1882		−64 452	36876	6858	.		I		5 29 40	−64 0	273 29	−33 2
1883		+10 818	36881	6919	.		4181	VAR?	5 29 42	+10 10	194 48	−11 50
1884		+40 1346	36891	6952	.	3446			5 29 53	+40 7	169 29	+ 4 24
1885		+85 80	36905	7273	.	3606			5 29 54	+85 9	128 10	+25 59
1886		− 6 1233	36959	6925	.	3401	4182B	VAR?	5 30 8	− 6 5	209 34	−19 44
1887		− 6 1234	36960	6926	1272.	3402	4182A		5 30 9	− 6 4	209 34	−19 43
1888		−29 2348	36965	6901	.				5 30 1	−29 55	233 47	−28 54
1889		+25 879	36994	6955	.	3448			5 30 18	+25 53	181 28	− 3 18
1890		− 4 1183	37017	6932	.	3419			5 30 25	− 4 34	208 11	−18 58
1891		− 4 1184	37016	6933	.	3420	F		5 30 25	− 4 29	208 6	−18 56
1892	42 ORI	− 4 1185	37018	6934	1277.	3421	4187	VAR?	5 30 27	− 4 54	208 30	−19 7
1893	41 θ^1 ORI	− 5 1315	37020		1276.		4186A	VAR?	5 30 22	− 5 27	209 0	−19 23
1894	41 θ^1 ORI	− 5 1315	37021		.		4186B	BM ORI	5 30 22	− 5 27	209 0	−19 23
1895	41 θ^1 ORI	− 5 1315	37022	6931	.	3410	4186C	VAR?	5 30 22	− 5 27	209 0	−19 23
1896	41 θ^1 ORI	− 5 1315	37023		.		4186D	VAR?	5 30 22	− 5 27	209 0	−19 23
1897	43 θ^2 ORI	− 5 1319	37041	6935	1278.	3422	4188A	VAR?	5 30 28	− 5 29	209 3	−19 23
1898		− 4 1186	37040	6939	.	3428	4192		5 30 34	− 4 26	208 5	−18 52
1899	44 ι ORI	− 6 1241	37043	6937	1279.	3425	4193		5 30 32	− 5 59	209 32	−19 36
1900		− 3 1146	37055	6943	.	3437	R 997	VAR?	5 30 36	− 3 19	207 2	−18 21

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
1851	5 32 1	+ 5 7	− 0 18	+ 4	6.87 H	.	B2V	+0.009	−0.003	+.004	+ 21	4.8	53.0	3	D
1852	5 32 1	+ 5 7	− 0 18	+ 4	2.20	−0.21	O9.5II	+0.001	−0.001	.	+ 16V	4.8	53.0	3	*
1853	5 37 17	+ 10 15	+66 42	+ 4	6.20 R	.	A5	−0.006	−0.029	.	− 24	.	.		
1854	5 33 39	+ 6 39	+34 43	+ 4	6.00 R	+0.13	A4V	−0.033	−0.011	. .	− 14V	.	.		6
1855	5 31 56	+ 4 50	− 7 19	+ 4	4.63	−0.26	B0V	−0.001	−0.004	.	+ 17V	.	.		G
1856	5 30 9	+ 2 45	−47 5	+ 4	5.45	+0.62	G3IV	+0.020	−0.143	.	+ 16	1.3	.6	3	7
1857	5 37 15	+ 9 41	+64 9	+ 4	6.00 R	+0.01	B9	+0.008	−0.068	+.040		4.0	1.3		3
1858	5 33 32	+ 5 52	+18 32	+ 4	5.54 R	.	B p	+0.003	−0.002	.	+ 44V	.	.		
1859	5 27 0	− 0 31	−68 37	+ 5	6.02	+0.35	F0	−0.001	−0.021	.012D	+ 1	.3	1.0		2
1860	5 33 39	+ 5 57	+20 28	+ 4	6.04 R	−0.08	B6V	+0.000	−0.013	.		.	.		
1861	5 32 42	+ 5 4	− 1 36	+ 4	5.35	−0.20	B1V	−0.001	−0.008	.	+ 34	4.5	2.3		*
1862	5 31 13	+ 3 33	−35 29	+ 4	3.87	+1.14	gK1	+0.023	−0.037	+.002	− 5V	.	.		
1863	5 33 7	+ 5 3	− 1 44	+ 4	6.70 H	.	B3V	−0.025	−0.039	.002D	+ 37	1.6	1.8	4	*
1864	5 33 54	+ 5 41	+14 18	+ 4	5.54 R	.	B3	−0.006	−0.006	.	+ 19	.	.		
1865	5 32 44	+ 4 25	−17 50	+ 4	2.59	+0.22	F0Ib	+0.003	+0.005	+.002	+ 25	8.5	36.0	3	
1866	5 36 36	+ 8 13	+54 26	+ 4	5.79 R	.	gM0	+0.001	+0.002	.	+ 1	.	.		
1867	5 29 18	+ 0 55	−62 19	+ 4	6.58	+1.53	K2	+0.005	−0.026	.		.	.		
1868	5 33 32	+ 5 5	− 1 10	+ 4	5.33	−0.17	B1V	−0.004	+0.002	.	+ 22V	.	.		*
1869	5 36 16	+ 7 33	+47 43	+ 4	5.98 R	.	dF0	+0.012	−0.017	.	+ 14	.	.		
1870	5 31 36	+ 2 50	−45 56	+ 4	5.85	+1.35	K2	+0.019	+0.036	.		.	.		
1871	5 33 59	+ 5 11	+ 1 24	+ 4	6.59	−0.20	B2V	+0.007	+0.005	.	+ 14	.	.		G
1872	5 34 17	+ 5 16	+ 3 46	+ 4	5.36	+0.05	A2	−0.031	−0.018	+.008	− 9V?	.	.		G
1873	5 34 4	+ 5 5	− 1 2	+ 4	6.26	−0.19	B3V	+0.007	+0.003	.	+ 4	3.6	27.5		G
1874	5 34 4	+ 5 4	− 1 28	+ 4	5.92	+1.55	K0	−0.012	−0.032	.		.	.		
1875	5 35 27	+ 6 6	+24 2	+ 4	5.16 R	.	B3V	+0.011	−0.016	.	+ 23	.	.		G
1876	5 34 49	+ 5 29	+ 9 29	+ 4	4.41	−0.17	B0IV	+0.004	−0.004	−.009	+ 33V	.	.		R
1877	5 32 51	+ 3 22	−38 31	+ 4	5.47	+1.22	K2	+0.033	−0.003	−.014	− 1	.	.		
1878	5 35 56	+ 6 17	+27 40	+ 4	6.34 R	.	K0	−0.021	−0.040	.	− 9	.	.		6
1879	5 35 8	+ 5 30	+ 9 56	+ 4	3.66 H	.	O8	+0.001	−0.006	+.006	+ 34	2.0	5.4	4	*
1880	5 35 8	+ 5 30	+ 9 56	+ 4	5.56 H	.	O_{e5}	.	.	.	+ 36V	2.0	5.4	4	D
1881	5 33 8	+ 3 35	−35 8	+ 4	5.75 H	.	K0	+0.091	−0.041	.	+ 15V?	.	.		
1882	5 30 16	+ 0 36	−63 56	+ 4	6.18	+0.23	F0	+0.005	+0.052	.		6.0	8.6		
1883	5 35 13	+ 5 31	+10 14	+ 4	5.58 R	+0.11	B8III	+0.024	−0.008	.		4.2	3.1		3
1884	5 36 52	+ 6 59	+40 11	+ 4	6.00 R	.	G3Ib	+0.001	−0.012	.	− 18	.	.		
1885	6 1 21	+ 31 27	+85 11	+ 2	6.22 R	.	gM0	+0.019	+0.004	.	− 46	.	.		
1886	5 35 1	+ 4 53	− 6 1	+ 4	5.68	−0.22	B1V	−0.010	+0.002	.	+ 30	.9	37.5		*
1887	5 35 2	+ 4 53	− 6 0	+ 4	4.79	−0.25	B0Vp	+0.004	+0.004	+.000	+ 28	.9	37.5		*
1888	5 33 52	+ 3 51	−29 51	+ 4	6.34 H	.	A0	+0.010	+0.020	.		.	.		
1889	5 36 30	+ 6 12	+25 57	+ 4	6.25 R	.	F5	+0.018	+0.003	.	+ 3	.	.		
1890	5 35 22	+ 4 57	− 4 30	+ 4	6.56	−0.14	B2V	−0.012	+0.031	.	+ 29V	.	.		G
1891	5 35 22	+ 4 57	− 4 25	+ 4	6.25	−0.16	B3V	+0.021	−0.026	.	+ 31	.7	.2		G
1892	5 35 23	+ 4 56	− 4 50	+ 4	4.60	−0.20	B2III	+0.003	+0.001	−.001	+ 30V	3.2	1.7		*
1893	5 35 17	+ 4 55	− 5 23	+ 4	6.77	+0.06	B1?	+0.003	+0.003	−.003	+ 32V	2.3	13.2	9	*
1894	5 35 17	+ 4 55	− 5 23	+ 4	8.1 H	.	B3?	+0.003	+0.003	.	+ 24V	3.3	16.8	9	*
1895	5 35 17	+ 4 55	− 5 23	+ 4	5.16	+0.06	O6p	+0.003	+0.003	.	+ 33V	1.6	13.6	9	*
1896	5 35 17	+ 4 55	− 5 23	+ 4	6.72	+0.11	B1?	+0.003	+0.003	.	+ 31V	1.6	13.6	9	*
1897	5 35 23	+ 4 55	− 5 25	+ 4	5.07	−0.10	O9.5Vp	+0.000	+0.006	−.009	+ 36V	1.3	52.8	3	*
1898	5 35 31	+ 4 57	− 4 22	+ 4	6.31	−0.14	B2-3	+0.001	−0.020	.	+ 30	2.0	4.6		*
1899	5 35 26	+ 4 54	− 5 55	+ 4	2.77	−0.25	O9III	+0.003	+0.004	+.021	+ 22V	4.1	11.8	3	*
1900	5 35 36	+ 5 0	− 3 15	+ 4	6.42	−0.12	B3V	−0.009	+0.001	.	+ 24	6.2	1.2		G

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
1901	45 ORI	− 4 1188	37077	6945	1281.	3441	4196		5 30 44	− 4 55	208 33	−19 4
1902		+26 870	37098	6968	.	3459	4208		5 30 54	+26 52	180 43	− 2 40
1903	46 ϵ ORI	− 1 969	37128	6960	1283.	3454			5 31 8	− 1 16	205 13	−17 15
1904		+33 1102	37138	6979	.	3465			5 31 10	+33 30	175 11	+ 1 0
1905	122 TAU	+16 822	37147	6973	1284.	3462			5 31 16	+16 59	189 7	− 7 55
1906		− 5 1334	37150	6964	.	3456		VAR?	5 31 21	− 5 43	209 23	−19 18
1907	40 ϕ^2 ORI	+ 9 898	37160	6972	1285.	3461			5 31 25	+ 9 14	195 50	−11 57
1908		+10 828	37171	6975	.	3463			5 31 31	+10 58	194 20	−11 2
1909		−33 2414	37192	6956	.				5 31 35	−33 9	237 27	−29 30
1910	123 ζ TAU	+21 908	37202	6985	1286.	3468		VAR?	5 31 40	+21 5	185 41	− 5 39
1911		− 6 1255	37209	6971	.	3460	4212	VAR?	5 31 43	− 6 8	209 49	−19 24
1912		−54 854	37226	6929	.		I		5 31 45	−54 58	262 42	−32 55
1913		+ 8 1016	37232	6981	.	3466			5 31 51	+ 8 53	196 12	−12 3
1914	26 AUR	+30 963	37269	7002	.	3474	4229	VAR?	5 32 13	+30 26	177 53	+ 0 29
1915		−28 2298	37286	6974	.				5 32 16	−28 46	232 42	−28 5
1916		+65 485	37289	7068	.	3503			5 32 25	+65 39	147 19	+17 52
1917		−64 456	37297	6927	1287.	3407			5 32 27	−64 18	273 49	−32 43
1918		− 6 1262	37303	6994	.	3470		VAR?	5 32 34	− 6 0	209 47	−19 9
1919		−11 1238	37306	6988	.				5 32 29	−11 50	215 22	−21 45
1920		+ 7 953	37320	7000	.	3472			5 32 36	+ 7 29	197 32	−12 36
1921		+26 884	37329	7014	.	3479			5 32 43	+26 34	181 11	− 2 29
1922	β DOR	−62 487	37350	6944	1288.	3440		β DOR	5 32 45	−62 33	271 44	−32 47
1923		− 4 1196	37356	7001	.	3473		VAR?	5 32 57	− 4 52	208 46	−18 33
1924		+29 947	37367	7026	.	3484			5 32 57	+29 10	179 2	− 1 2
1925		+53 934	37394	7064	1289.	3500			5 33 14	+53 26	158 23	+11 56
1926	ν^1 COL	−27 2389	37430	6999	.				5 33 19	−27 56	231 54	−27 37
1927		−47 1940	37434	6986	.				5 33 20	−47 23	253 46	−32 1
1928	125 TAU	+25 902	37438	7047	.	3494			5 33 32	+25 50	181 54	− 2 43
1929		+21 918	37439	7038	.	3491			5 33 27	+21 42	185 23	− 4 58
1930		−58 526	37462	6977	.				5 33 36	−58 56	267 26	−32 45
1931	48 σ ORI	− 2 1326	37468	7031	1293.	3488	4241AB		5 33 44	− 2 39	206 49	−17 20
1932		− 2 1327	37479	7034	.	3489	4241E		5 33 44	− 2 39	206 49	−17 20
1933		− 6 1275	37481	7028	.	3485			5 33 46	− 6 38	210 32	−19 11
1934	47 ω ORI	+ 4 1002	37490	7042	.	3493			5 33 54	+ 4 4	200 44	−14 3
1935	ν^2 COL	−28 2321	37495	7013	1294.	3477			5 33 50	−28 45	232 48	−27 46
1936		−61 488	37501	6978	.				5 33 52	−61 14	270 10	−32 41
1937	49 ORI	− 7 1142	37507	7039	1295.	3492			5 34 3	− 7 16	211 10	−19 24
1938		+31 1048	37519	7066	.	3501			5 34 8	+31 18	177 22	+ 0 20
1939		+31 1049	37536	7072	.	3505			5 34 12	+31 52	176 54	+ 0 39
1940		− 3 1166	37594	7056	.				5 34 32	− 3 37	207 48	−17 37
1941	24 CAM	+56 1050	37601	7105	.	3526			5 34 33	+56 32	155 44	+13 40
1942		− 9 1197	37635	7062	.	3498			5 34 46	− 9 46	213 38	−20 21
1943	23 CAM	+61 816	37638	7124	.	3538			5 34 57	+61 26	151 20	+16 7
1944		−17 1199	37643	7058	.		4254		5 34 52	−17 54	221 37	−23 43
1945		+29 953	37646	7087	.	3515	4262A		5 34 59	+29 26	179 2	+ 0 31
1946	126 TAU	+16 841	37711	7094	1300.	3520	4265		5 35 31	+16 29	190 5	− 7 19
1947		−40 1999	37717	7061	.				5 35 31	−40 46	246 13	−30 32
1948	50 ζ ORI	− 2 1338	37742	7089	1301.	3517	4263A	VAR?	5 35 43	− 2 0	206 27	−16 36
1949	50 ζ ORI	− 2 1338	37743		.		4263B	VAR?	5 35 43	− 2 0	206 27	−16 36
1950		− 2 1337	37744	7085	.	3514			5 35 37	− 2 53	207 15	−17 2

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
1901	5 35 40	+ 4 56	− 4 51	+ 4	5.26	+0.24	gF0	+0.007	+0.012	+.019	− 9	8.5	18.9	3	
1902	5 37 9	+ 6 15	+26 56	+ 4	5.69 R	−0.05	B8III	+0.015	−0.026	.007D	+ 10V	.1	1.2	4	D
1903	5 36 12	+ 5 4	− 1 12	+ 4	1.70	−0.19	B0Ia	+0.000	+0.000	−.007	+ 26	.	.		G
1904	5 37 45	+ 6 35	+33 34	+ 4	6.30 R	.	K0	+0.008	−0.003	.	+ 29	.	.		
1905	5 37 4	+ 5 48	+17 3	+ 4	5.54	+0.22	A5	+0.049	−0.034	+.028	+ 41	.	.		
1906	5 36 15	+ 4 54	− 5 39	+ 4	6.59	−0.19	B3V	+0.000	−0.002	.	+ 11	.	.		G
1907	5 36 55	+ 5 30	+ 9 17	+ 3	4.09	+0.94	G8IIIp	+0.093	−0.305	+.024	+ 99	.	.		
1908	5 37 4	+ 5 33	+11 2	+ 4	5.98	+1.55	K5III	+0.047	−0.013	.	−112	.	.		6
1909	5 35 16	+ 3 41	−33 5	+ 4	5.74	+1.12	K0	+0.014	+0.109	.		.	.		
1910	5 37 39	+ 5 59	+21 9	+ 4	2.99	−0.13	B2IVp	+0.006	−0.022	−.002	+ 24V	.	.		*
1911	5 36 36	+ 4 53	− 6 4	+ 4	5.73	−0.23	B1V	−0.006	−0.011	.	+ 29	3.2	5.3		*
1912	5 33 44	+ 1 59	−54 54	+ 4	6.35 H	.	F5	+0.053	+0.007	.		3.6	53.9	3	D
1913	5 37 19	+ 5 28	+ 8 57	+ 4	6.11	−0.18	B1.5V	+0.001	−0.001	.	+ 42	.	.		G
1914	5 38 38	+ 6 25	+30 30	+ 4	5.43 R	+0.41	G5III?+A3	−0.015	−0.010	.005D	+ 2	.4	.3	4	D
1915	5 36 11	+ 3 55	−28 42	+ 4	6.15 H	.	A2m	+0.020	−0.001	.		.	.		
1916	5 42 27	+ 10 2	+65 42	+ 3	5.63 R	.	gK5	+0.001	−0.021	.	− 19	.	.		
1917	5 33 0	+ 0 33	−64 14	+ 4	5.34	+1.04	gG7	+0.034	−0.014	+.005	+ 10V	.	.		R
1918	5 37 28	+ 4 54	− 5 56	+ 4	6.03	−0.21	B1V	+0.013	+0.004	.	+ 29	.	.		G
1919	5 37 9	+ 4 40	−11 46	+ 4	6.10	+0.05	A1	+0.021	−0.032	.		.	.		
1920	5 38 1	+ 5 25	+ 7 33	+ 4	5.89	−0.07	B8	+0.007	−0.017	.	+ 19V?	.	.		
1921	5 38 57	+ 6 14	+26 37	+ 3	6.34 R	.	G9III	+0.028	−0.019	.	+ 15	.	.		
1922	5 33 37	+ 0 52	−62 29	+ 4	3.40	+0.80	F8Ia	−0.007	+0.004	+.007	+ 7V	.	.		R
1923	5 37 53	+ 4 56	− 4 48	+ 4	6.23	−0.05	B1.5V	+0.003	+0.022	.	+ 29	.	.		G
1924	5 39 19	+ 6 22	+29 13	+ 3	5.95 R	.	B2V	+0.016	−0.005	.	+ 30V	.	.		*
1925	5 41 21	+ 8 7	+53 28	+ 2	6.23	+0.84	dK2	+0.010	−0.521	+.091	+ 1	3.0	98.		D
1926	5 37 16	+ 3 57	−27 53	+ 3	5.95 H	.	A5	+0.011	−0.062	.		.	.		
1927	5 36 3	+ 2 43	−47 19	+ 4	6.10	+1.16	K0	−0.022	−0.020	.		.	.		
1928	5 39 44	+ 6 12	+25 53	+ 3	5.04 R	−0.17	B2V	+0.023	−0.023	.	+ 15V	.	.		*
1929	5 39 27	+ 6 0	+21 45	+ 3	6.29 R	+0.06	A2V	+0.000	−0.037	.	+ 37V	.	.		R
1930	5 35 3	+ 1 27	−58 52	+ 4	6.49 H	.	K2	−0.042	+0.014	.		.	.		
1931	5 38 45	+ 5 1	− 2 36	+ 3	3.75	−0.24	O9.5V	+0.000	+0.004	−.001	+ 29V	2.0	.3	5	*
1932	5 38 45	+ 5 1	− 2 36	+ 3	6.53	−0.21	B3	−0.018	+0.013	.	+ 29	2.3	41.8	5	*
1933	5 38 38	+ 4 52	− 6 35	+ 3	5.98	−0.23	B1V	−0.016	+0.004	.	+ 15V	.	.		G
1934	5 39 11	+ 5 17	+ 4 7	+ 3	4.52	−0.08	B3IIIe	−0.003	+0.001	.	+ 22V	.	.		G
1935	5 37 44	+ 3 54	−28 41	+ 4	5.28	+0.48	dF4	−0.038	+0.050	+.040	+ 36V?	.	.		
1936	5 34 58	+ 1 6	−61 10	+ 4	6.31	+0.84	K0	+0.001	−0.025	.		.	.		
1937	5 38 53	+ 4 50	− 7 13	+ 3	4.79	+0.14	A4IV	−0.013	−0.052	+.035	+ 4V	.	.		
1938	5 40 36	+ 6 28	+31 21	+ 3	6.01	+0.02	B7V	+0.017	−0.008	.	− 7	.	.		
1939	5 40 42	+ 6 30	+31 55	+ 3	6.05	+2.12	M1	+0.014	+0.004	.	+ 5	.	.		
1940	5 39 31	+ 4 59	− 3 34	+ 3	6.01	+0.28	A5p	−0.003	−0.002	.		.	.		
1941	5 43 2	+ 8 29	+56 35	+ 3	6.02 R	.	sgG9	+0.017	+0.030	.	− 29	.	.		
1942	5 39 31	+ 4 45	− 9 43	+ 3	6.48	−0.11	B5	+0.007	−0.013	.	+ 21	.	.		
1943	5 44 9	+ 9 12	+61 29	+ 3	6.30 R	.	gG5	+0.000	+0.002	.	− 4	.	.		
1944	5 39 16	+ 4 24	−17 51	+ 3	6.22 H	−0.12	B8	+0.001	+0.004	.		1.2	76.2	9	D
1945	5 41 22	+ 6 23	+29 29	+ 3	6.42	−0.09	B8n	+0.022	−0.030	.	+ 18	.5	26.0		*
1946	5 41 18	+ 5 47	+16 32	+ 3	4.85 R	.	B3IV	+0.012	−0.021	−.013	+ 21V?	.2	.3		*
1947	5 38 44	+ 3 13	−40 43	+ 3	5.81 H	.	B9	−0.013	+0.008	.		.	.		
1948	5 40 46	+ 5 3	− 1 57	+ 3	2.05 H	.	O9.5Ib	+0.004	−0.002	+.022	+ 18	3.7	3.3	3	*
1949	5 40 46	+ 5 3	− 1 57	+ 3	4.21 H	.	B3	.	.	.	+ 13	3.7	3.3	3	*
1950	5 40 38	+ 5 1	− 2 50	+ 3	6.22	−0.23	B1V	+0.007	+0.011	.	+ 29	.	.		G

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
1951		+23 1007	37752	7107	.				5 35 50	+23 16	184 21	− 3 40
1952		− 1 1004	37756	7091	.	3519		VAR?	5 35 46	− 1 11	205 43	−16 12
1953	γ MEN	−76 333	37763	6966	1302.	3458	I		5 35 50	−76 25	287 56	−30 58
1954		+22 996	37784	7113	.	3528			5 36 1	+22 37	184 55	− 3 58
1955		+ 0 1152	37788	7098	.	3523			5 35 57	+ 0 17	204 24	−15 27
1956	α COL	−34 2375	37795	7078	1303.	3510	I	VAR?	5 36 2	−34 8	238 49	−28 52
1957		−10 1258	37808	7095	.				5 36 3	−10 28	214 27	−20 23
1958		−32 2479	37811	7082	.	3511			5 36 8	−32 41	237 14	−28 27
1959		− 2 1346	37904	7116	.		4279		5 36 39	− 2 57	207 27	−16 50
1960		−66 439	37935	7054	.				5 36 55	−66 37	276 31	−32 6
1961		+23 1015	37967	7148	.	3545			5 37 15	+23 10	184 37	− 3 26
1962		−16 1208	37971	7119	.	3536			5 37 14	−16 46	220 44	−22 45
1963	51 ORI	+ 1 1105	37984	7136	1310.	3541			5 37 18	+ 1 26	203 32	−14 36
1964		−73 316	37993	7017	.				5 37 14	−73 48	284 54	−31 18
1965		−17 1214	38054	7140	.				5 37 49	−17 34	221 35	−22 56
1966		−33 2483	38056	7126	.				5 37 47	−33 27	238 11	−28 20
1967		− 6 1293	38089	7151	.	3547	4299		5 38 2	− 6 51	211 14	−18 20
1968	12 LEP	−22 1194	38090	7141	.				5 38 2	−22 25	226 31	−24 44
1969	26 CAM	+56 1058	38091	7191	.	3564			5 38 5	+56 4	156 24	+13 52
1970		− 1 1012	38099	7153	.				5 38 6	− 1 39	206 26	−15 54
1971	27 o AUR	+49 1398	38104	7182	1312.	3560			5 38 9	+49 47	161 59	+10 44
1972		−30 2571	38138	7147	.				5 38 23	−30 35	235 7	−27 23
1973		−34 2401	38170	7150	.	3546			5 38 40	−34 43	239 37	−28 30
1974		+40 1403	38189	7192	.	3565			5 38 49	+40 28	170 6	+ 6 1
1975		−18 1172	38206	7162	.				5 38 59	−18 36	222 44	−23 5
1976		+62 784	38284	7236	.	3584	4376		5 39 38	+62 46	150 23	+17 13
1977	Y TAU	+20 1083	38307		.			Y TAU	5 39 41	+20 39	187 3	− 4 17
1978		+ 3 1025	38309	7198	.	3568	4333		5 39 45	+ 3 58	201 34	−12 49
1979		+42 1396	38358	7221	.	3579			5 40 5	+42 29	168 30	+ 7 17
1980		−20 1171	38382	7193	.				5 40 10	−20 10	224 26	−23 26
1981		−39 2140	38385	7179	.				5 40 12	−39 27	244 57	−29 22
1982		−22 1210	38392	7196	.	3566	4334B		5 40 16	−22 27	226 45	−24 16
1983	13 γ LEP	−22 1211	38393	7197	1316.	3567	4334A		5 40 18	−22 29	226 48	−24 16
1984		−45 2131	38458	7189	.				5 40 51	−45 53	252 15	−30 31
1985	129 TAU	+15 926	38478	7224	.				5 41 0	+15 47	191 23	− 6 34
1986		− 4 1235	38495	7219	.		4361		5 41 6	− 4 18	209 14	−16 29
1987		+ 9 954	38527	7228	.	3582	4369		5 41 23	+ 9 29	196 54	− 9 43
1988		+ 1 1126	38529	7226	1320.	3581			5 41 26	+ 1 8	204 19	−13 50
1989	131 TAU	+14 1025	38545	7237	1320.1	3585			5 41 31	+14 27	192 36	− 7 9
1990	130 TAU	+17 1004	38558	7241	.	3589			5 41 36	+17 41	189 50	− 5 27
1991	ι MEN	−78 195	38602	7102	.				5 41 43	−78 52	290 41	−30 13
1992	29 CAM	+56 1065	38618	7293	.	3615	4412		5 42 2	+56 53	155 56	+14 44
1993	133 TAU	+13 979	38622	7249	1322.	3594	4381		5 42 3	+13 52	193 10	− 7 20
1994		+68 412	38645	7319	1323.	3624			5 42 10	+68 26	145 8	+19 58
1995	29 τ AUR	+39 1418	38656	7277	1325.	3607	4398		5 42 15	+39 9	171 35	+ 5 54
1996	μ COL	−32 2538	38666	7230	.	3583			5 42 17	−32 21	237 18	−27 7
1997		+20 1105	38670	7266	.	3605	4392		5 42 24	+20 50	187 14	− 3 39
1998	14 ζ LEP	−14 1232	38678	7247	1326.	3591			5 42 25	−14 52	219 24	−20 50
1999	52 ORI	+ 6 1027	38710	7262	1327.	3602	4390		5 42 38	+ 6 25	199 45	−10 59
2000		−16 1244	38713	7250	.				5 42 40	−16 16	220 48	−21 21

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
1951	5 41 55	+ 6 5	+23 19	+ 3	6.47 R	−0.06	B7III	−0.011	−0.015	.		.	.		
1952	5 40 51	+ 5 5	− 1 8	+ 3	4.93	−0.22	B3III	−0.013	−0.005	.	+ 26V	.	.		*
1953	5 31 53	− 3 57	−76 21	+ 4	5.18	+1.13	K4III	+0.117	+0.288	+.012	+ 57V	6.3	38.2		
1954	5 42 4	+ 6 3	+22 40	+ 3	6.33 R	.	K2	−0.006	−0.022	.	− 21	.	.		
1955	5 41 5	+ 5 8	+ 0 20	+ 3	5.94	+0.31	A5	+0.013	+0.030	.	− 12	.	.		
1956	5 39 39	+ 3 37	−34 5	+ 3	2.63	−0.12	B8Ve	−0.001	−0.026	−.005	+ 35	8.7	12.6		
1957	5 40 46	+ 4 43	−10 25	+ 3	6.36 H	−0.16	B8	−0.033	−0.030	.		.	.		
1958	5 39 50	+ 3 42	−32 38	+ 3	5.44	+0.92	gK0	−0.028	−0.029	.	− 8	.	.		
1959	5 41 40	+ 5 1	− 2 54	+ 3	6.33 H	.	gG9	+0.040	+0.031	.		1.0	.8		3
1960	5 36 55	+ 0 0	−66 34	+ 3	6.30	−0.07	A0	−0.024	+0.007	.		.	.		
1961	5 43 19	+ 6 4	+23 13	+ 3	6.21	−0.05	B5Vpe	+0.004	−0.023	.	+ 19	.	.		G
1962	5 41 41	+ 4 27	−16 43	+ 3	6.20	−0.14	B5	−0.003	+0.010	.	+ 16	.	.		
1963	5 42 28	+ 5 10	+ 1 29	+ 3	4.92	+1.16	K0III	−0.054	−0.014	+.011	+ 88	.	.		
1964	5 34 44	− 2 30	−73 44	+ 4	5.78	+1.72	M4	−0.015	+0.038	.		.	.		
1965	5 42 14	+ 4 25	−17 31	+ 3	6.33 H	.	K0	−0.036	+0.008	.		.	.		
1966	5 41 2x	+ 3 40	−33 24	+ 3	6.38 H	.	A0	+0.008	−0.002	.		.	.		
1967	5 42 53	+ 4 51	− 6 48	+ 3	5.96	+0.44	dF6	−0.004	+0.069	.019D	− 11V	.7	.2	4	*
1968	5 42 14	+ 4 12	−22 22	+ 3	5.86	+0.11	A2	−0.003	+0.017	.		.	.		
1969	5 46 31	+ 8 26	+56 6	+ 2	6.01 R	.	A2	+0.023	−0.057	.	+ 26V	.	.		6
1970	5 43 10	+ 5 4	− 1 36	+ 3	6.49 H	.	K2	+0.003	−0.025	.		.	.		
1971	5 45 54	+ 7 45	+49 50	+ 3	5.47	+0.03	A p	−0.010	−0.003	+.015	− 6	.	.		G
1972	5 42 12	+ 3 49	−30 32	+ 3	6.18	+0.01	A0	−0.010	+0.012	.		.	.		
1973	5 42 15	+ 3 35	−34 40	+ 3	5.31 H	.	B9	−0.015	+0.051	.	+ 34	.	.		
1974	5 45 50	+ 7 1	+40 31	+ 3	6.44 R	.	A3	−0.029	−0.008	.	− 4	.	.		
1975	5 43 22	+ 4 23	−18 33	+ 3	5.72	−0.01	A0	+0.017	−0.015	.		.	.		
1976	5 49 5	+ 9 27	+62 48	+ 2	6.10 R	.	A2	−0.002	−0.009	.010D	− 6	1.1	1.7		2
1977	5 45 39	+ 5 58	+20 42	+ 3	6.5 H	.	C7₄e	+0.001	−0.003	.	+ 17	.	.		
1978	5 45 2	+ 5 17	+ 4 1	+ 3	6.08	+0.32	F0	+0.019	−0.019	.	+ 8	2.5	17.5	3	D
1979	5 47 15	+ 7 10	+42 31	+ 2	6.28 R	.	K0	+0.019	−0.086	.	− 16	.	.		
1980	5 44 28	+ 4 18	−20 7	+ 3	6.33	+0.58	G0	−0.016	+0.046	.		.	.		
1981	5 43 30	+ 3 18	−39 24	+ 3	6.29 H	.	F0	+0.035	+0.001	.		.	.		
1982	5 44 26	+ 4 10	−22 25	+ 2	6.15	+0.94	K2V	−0.305	−0.355	.	− 10	3.0	95.0		*
1983	5 44 28	+ 4 10	−22 27	+ 2	3.60	+0.47	F6V	−0.287	−0.371	+.122	− 10V?	3.0	95.0		*
1984	5 43 41	+ 2 50	−45 50	+ 3	6.38	+0.29	F0IIIn	+0.019	+0.088	.	+ 11V?	.	.		
1985	5 46 45	+ 5 45	+15 49	+ 2	5.88 R	−0.05	B7IIIp	+0.009	−0.007	.		.	.		
1986	5 46 3	+ 4 57	− 4 16	+ 2	6.26	+1.03	K1III	+0.000	−0.067	.		2.3	7.1		D
1987	5 46 52	+ 5 29	+ 9 31	+ 2	5.80	+0.88	G8III	−0.034	−0.065	.	− 26	6.0	16.6		1
1988	5 46 36	+ 5 10	+ 1 10	+ 2	5.96	+0.78	dG4	−0.073	−0.148	+.029	+ 29	.	.		
1989	5 47 13	+ 5 42	+14 29	+ 2	5.61 R	+0.04	A3V	+0.013	−0.042	+.021	+ 21	.	.		
1990	5 47 26	+ 5 50	+17 43	+ 2	5.38 R	.	gF4	+0.000	−0.010	.	+ 9	.	.		
1991	5 35 36	− 6 7	−78 49	+ 3	6.04	−0.02	B9	+0.016	+0.017	.		.	.		
1992	5 50 34	+ 8 32	+56 55	+ 2	6.37 R	.	A2n	−0.005	−0.009	.	+ 4	3.0	25.3		
1993	5 47 43	+ 5 40	+13 54	+ 2	5.15 R	−0.18	B2V	+0.016	−0.016	−.005	+ 28	6.3	25.0	3	G
1994	5 52 55	+ 10 45	+68 28	+ 2	6.23 R	.	G9III	+0.018	−0.040	+.003	− 1	.	.		
1995	5 49 11	+ 6 56	+39 11	+ 2	4.53	+0.94	G8III	−0.022	−0.025	+.004	− 20	7.0	39.7	3	G
1996	5 46 0	+ 3 43	−32 19	+ 2	5.16	−0.29	O9.5V	+0.004	−0.025	.	+110	.	.		
1997	5 48 22	+ 5 58	+20 52	+ 2	5.92 R	−0.09	B7V	+0.020	−0.018	.001D	+ 7V	1.0	75.5	3	*
1998	5 46 57	+ 4 32	−14 50	+ 2	3.55	+0.10	A3V	−0.016	−0.004	+.042	+ 20V	.	.		
1999	5 48 0	+ 5 22	+ 6 27	+ 2	5.28	+0.24	A5n	+0.007	−0.020	+.019	+ 42	.0	1.8		*
2000	5 47 8	+ 4 28	−16 14	+ 2	6.31 H	.	G0	−0.032	+0.003	.		.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
2001		−10 1281	38735	7258	.				5 42 45	−10 34	215 18	−18 56
2002	132 TAU	+24 970	38751	7283	1328.	3610		VAR?	5 42 53	+24 32	184 8	− 1 37
2003		+51 1117	38765	7308	.	3619			5 42 59	+51 29	160 52	+12 15
2004	53 κ ORI	− 9 1235	38771	7264	1330.	3603		VAR?	5 43 1	− 9 42	214 31	−18 30
2005		−28 2449	38804	7259	.				5 43 10	−28 40	233 27	−25 47
2006	30 CAM	+58 863	38831	7327	.				5 43 28	+58 56	154 9	+15 52
2007		− 4 1244	38858	7286	.	3613			5 43 37	− 4 7	209 22	−15 51
2008		−46 1999	38871	7257	1333.	3599	I		5 43 41	−46 38	253 13	−30 10
2009		−35 2509	38885	7271	.				5 43 47	−35 42	241 1	−27 45
2010	134 TAU	+12 912	38899	7306	.	3618			5 43 56	+12 37	194 29	− 7 35
2011	31 υ AUR	+37 1336	38944	7322	1335.	3626		VAR?	5 44 13	+37 17	173 23	+ 5 16
2012	32 ν AUR	+39 1429	39003	7334	1336.	3633	4440		5 44 34	+39 7	171 50	+ 6 16
2013		+27 888	39004	7326	.	3630			5 44 40	+27 56	181 26	+ 0 30
2014		+ 9 978	39007	7314	.	3622			5 44 32	+ 9 50	196 59	− 8 52
2015	δ DOR	−65 496	39014	7246	1337.	3590			5 44 36	−65 46	275 28	−31 22
2016	135 TAU	+14 1041	39019	7323	.	3627			5 44 48	+14 17	193 9	− 6 33
2017		−40 2085	39040	7294	.				5 44 45	−40 41	246 33	−28 48
2018		+32 1109	39045	7338	.	3635	4443		5 44 55	+32 6	177 54	+ 2 42
2019		+ 4 1052	39051	7320	.	3625			5 44 55	+ 4 24	201 49	−11 29
2020	β PIC	−51 1620	39060	7287	1339.	3614			5 44 55	−51 6	258 22	−30 37
2021		−14 1251	39070	7315	.	3623	4432		5 45 4	−14 31	219 21	−20 7
2022	π MEN	−80 161	39091	7161	1340.	3553			5 45 8	−80 33	292 33	−29 46
2023		−54 892	39110	7289	.				5 45 12	−54 24	262 11	−30 56
2024		+ 2 1148	39118	7328	.				5 45 18	+ 2 0	204 1	−12 35
2025		+39 1435	39182	7363	.	3643			5 45 42	+39 33	171 35	+ 6 41
2026		−23 3135	39190	7325	.	3629			5 45 43	−23 0	227 49	−23 18
2027	31 TU CAM	+59 920	39220	7402	1342.	3653		TU CAM	5 46 0	+59 52	153 26	+16 35
2028		+33 1179	39225	7369	.	3645			5 46 3	+33 53	176 30	+ 3 50
2029	30 ξ AUR	+55 1027	39283	7404	1344.	3654			5 46 28	+55 41	157 20	+14 43
2030		+19 1110	39286	7372	.				5 46 28	+19 50	188 35	− 3 21
2031	55 ORI	− 7 1187	39291	7354	.	3641			5 46 32	− 7 33	212 54	−16 46
2032		−44 2274	39312	7336	.				5 46 40	−44 55	251 22	−29 20
2033	137 TAU	+14 1060	39317	7374	.	3646			5 46 41	+14 9	193 30	− 6 14
2034	136 TAU	+27 899	39357	7389	1345.	3650	4474		5 47 3	+27 35	182 1	+ 0 46
2035	15 δ LEP	−20 1211	39364	7362	1346.	3642			5 47 1	−20 53	225 49	−22 13
2036		−22 1246	39385	7371	.				5 47 18	−22 58	227 56	−22 57
2037	56 ORI	+ 1 1151	39400	7380	1349.	3648	4467	VAR?	5 47 15	+ 1 50	204 24	−12 14
2038		+20 1156	39417	7397	.	3652			5 47 22	+20 17	188 18	− 2 57
2039		− 9 1255	39421	7376	.				5 47 22	− 9 5	214 25	−17 16
2040	β COL	−35 2546	39425	7364	1350.	3644			5 47 26	−35 48	241 21	−27 4
2041		+66 413	39429	7452	.	3680			5 47 26	+66 5	147 38	+19 26
2042	γ PIC	−56 946	39523	7353	1352.	3640			5 48 1	−56 11	264 18	−30 41
2043		−29 2556	39543	7385	.				5 48 8	−29 28	234 40	−25 1
2044		−52 791	39547	7370	.				5 48 17	−52 48	260 24	−30 18
2045		+51 1128	39551	7445	.	3676			5 48 17	+51 47	161 0	+13 7
2046		+31 1139	39586	7426	1355.	3669			5 48 30	+31 41	178 39	+ 3 9
2047	54 χ^1 ORI	+20 1162	39587	7419	1354.	3663			5 48 28	+20 15	188 28	− 2 44
2048		+10 927	39632	7420	.	3664			5 48 41	+10 34	196 52	− 7 37
2049		−52 794	39640	7377	1356.	3647			5 48 37	−52 8	259 38	−30 10
2050		+11 964	39662	7427	.		B		5 48 57	+11 45	195 52	− 6 58

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
2001	5 47 27	+ 4 42	−10 32	+ 2	6.02	+0.15	A3	−0.031	−0.024	.		.	.		
2002	5 49 1	+ 6 8	+24 34	+ 2	4.86 R	.	G8III	+0.004	−0.028	+.005	+ 16	.	.		
2003	5 50 56	+ 7 57	+51 31	+ 2	6.30 R	.	K1III	+0.169	−0.040	.	+ 26	.	.		
2004	5 47 46	+ 4 45	− 9 40	+ 2	2.04	−0.18	B0.5Ie	+0.004	−0.002	+.009	+ 21	.	.		G
2005	5 47 5	+ 3 55	−28 38	+ 2	6.05 H	.	B7	+0.003	+0.004	.		.	.		
2006	5 52 17	+ 8 49	+58 58	+ 2	6.02 R	−0.04	B9	+0.011	−0.023	.		.	.		
2007	5 48 35	+ 4 58	− 4 5	+ 2	5.98	+0.64	dG4	+0.070	−0.220	.	+ 29	.	.		
2008	5 46 27	+ 2 46	−46 36	+ 2	5.30	+1.04	gG8	−0.004	+0.017	+.011	+ 11	7.2	37.1		
2009	5 47 18	+ 3 31	−35 40	+ 2	6.38 H	.	K0	−0.015	+0.040	.		.	.		
2010	5 49 33	+ 5 37	+12 39	+ 2	4.90	−0.07	B9IV	−0.018	−0.026	.	+ 19	.	.		
2011	5 51 2	+ 6 49	+37 19	+ 2	4.78 R	.	gM1	+0.043	−0.044	−.007	+ 38	.	.		
2012	5 51 30	+ 6 56	+39 9	+ 2	4.06 R	.	K0III	+0.000	+0.008	+.017	+ 10	5.3	56.4		
2013	5 50 58	+ 6 18	+27 58	+ 2	5.52 R	.	gG7	−0.005	+0.011	.	+ 8	.	.		
2014	5 50 3	+ 5 31	+ 9 52	+ 2	5.81	+0.87	gG3	+0.006	−0.011	.	+ 44	.	.		
2015	5 44 47	+ 0 11	−65 44	+ 2	4.34	+0.22	A6IV	−0.030	+0.004	+.019	− 3	.	.		
2016	5 50 29	+ 5 41	+14 19	+ 2	5.55 R	.	gG9	+0.009	−0.038	.	+ 46	.	.		
2017	5 47 58	+ 3 13	−40 39	+ 2	6.48 H	.	K0	−0.001	+0.031	.		.	.		
2018	5 51 26	+ 6 31	+32 8	+ 2	6.24 R	.	M3III	+0.005	+0.004	.	+103	5.6	15.4		
2019	5 50 13	+ 5 18	+ 4 26	+ 2	5.98	+1.36	gK2	+0.018	−0.043	.	+ 27	.	.		
2020	5 47 17	+ 2 22	−51 4	+ 2	3.84	+0.17	A3V	+0.002	+0.083	+.055	+ 28	.	.		
2021	5 49 37	+ 4 33	−14 29	+ 2	5.48	+0.88	gG6	−0.026	−0.045	.009D	− 2	3.4	2.8		D
2022	5 37 9	− 7 59	−80 28	+ 5	5.64	+0.60	G3IV	+0.286	+1.062	+.038	+ 12	.	.		G
2023	5 47 13	+ 2 1	−54 22	+ 2	6.17	+1.40	K5	−0.022	−0.013	.		.	.		
2024	5 50 30	+ 5 12	+ 2 2	+ 2	6.05BR	.	G0+A0	+0.000	−0.015	.		.	.		
2025	5 52 39	+ 6 57	+39 35	+ 2	6.40 R	+0.09	A3III	−0.023	−0.019	.	− 19	.	.		
2026	5 49 54	+ 4 11	−22 58	+ 2	5.87	+0.06	A2	−0.012	+0.024	.	+ 44	.	.		
2027	5 54 57	+ 8 57	+59 53	+ 1	5.2 H	.	A0	+0.004	−0.020	+.009	− 3V	.	.		R
2028	5 52 40	+ 6 37	+33 55	+ 2	6.21 R	.	M2II	+0.011	+0.003	.	+100	.	.		
2029	5 54 51	+ 8 23	+55 42	+ 1	4.87 R	.	A2p?	−0.008	+0.017	+.012	− 12	.	.		
2030	5 52 24	+ 5 56	+19 52	+ 2	5.92 R	+0.51	B9comp	+0.001	+0.001	.		.	.		
2031	5 51 22	+ 4 50	− 7 31	+ 2	5.35	−0.20	B2V	+0.001	+0.000	.	+ 20	.	.		G
2032	5 49 34	+ 2 54	−44 53	+ 2	6.32 H	.	K2	−0.013	+0.008	.		.	.		
2033	5 52 22	+ 5 41	+14 11	+ 2	5.54 R	−0.04	A p	−0.017	−0.008	.	− 4V	.	.		
2034	5 53 20	+ 6 17	+27 36	+ 1	4.52 R	−0.02	A0III	+0.008	−0.015	+.019	− 16V	6.0	15.0		*
2035	5 51 19	+ 4 18	−20 52	+ 1	3.77	+1.00	G8III	+0.231	−0.645	+.022	+ 99	.	.		
2036	5 51 29	+ 4 11	−22 56	+ 2	6.16	+1.02	K0	+0.001	−0.019	.		.	.		
2037	5 52 27	+ 5 12	+ 1 51	+ 1	4.78	+1.38	K2II	−0.006	−0.007	+.001	+ 10	8.5	43.4		
2038	5 53 19	+ 5 57	+20 18	+ 1	6.54 R	−0.07	B9	+0.008	−0.012	.	− 6	.	.		
2039	5 52 8	+ 4 46	− 9 3	+ 2	5.98	+0.10	A2	−0.028	+0.052	.		.	.		
2040	5 50 58	+ 3 32	−35 46	+ 2	3.11	+1.16	K2III	+0.048	+0.399	+.023	+ 89	.	.		G
2041	5 57 35	+ 10 9	+66 6	+ 1	6.46 R	.	K0	+0.044	−0.023	.	− 22	.	.		
2042	5 49 50	+ 1 49	−56 9	+ 2	4.50	+1.10	K1III	+0.074	−0.067	+.011	+ 16	.	.		
2043	5 52 0	+ 3 52	−29 27	+ 1	6.44	+1.48	K0	−0.008	+0.018	.		.	.		
2044	5 50 28	+ 2 11	−52 46	+ 2	6.34	+0.76	F5+A	−0.033	+0.011	.		.5	.2		
2045	5 56 14	+ 7 57	+51 48	+ 1	6.45 R	.	A3	−0.006	−0.012	.	− 12	.	.		
2046	5 54 59	+ 6 29	+31 42	+ 1	5.76 R	.	A3	−0.037	−0.179	+.024	− 21	.	.		
2047	5 54 23	+ 5 55	+20 16	+ 1	4.41	+0.59	G0V	−0.185	−0.087	+.101	− 14	.	.		G
2048	5 54 13	+ 5 32	+10 35	+ 1	6.35 R	.	G9II	+0.007	+0.007	.	+ 13	.	.		
2049	5 50 53	+ 2 16	−52 7	+ 1	5.16	+0.99	G8III	−0.001	−0.078	+.016	+ 1	.	.		
2050	5 54 32	+ 5 35	+11 46	+ 1	6.44 R	+0.04	A2V	+0.010	−0.069	.		5.5	22.8		1

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
2051		+ 3 1071	39685	7423	.	3666			5 49 0	+ 3 13	203 23	−11 11
2052	57 ORI	+19 1126	39698	7436	.	3672			5 49 1	+19 44	188 58	− 2 54
2053		−37 2457	39720	7407	.	3656	I		5 49 9	−37 39	243 27	−27 14
2054		+49 1423	39743	7470	.	3688			5 49 24	+49 1	163 35	+11 57
2055		−38 2270	39752	7412	.		I		5 49 27	−38 33	244 27	−27 24
2056	λ COL	−33 2599	39764	7416	1361.	3661			5 49 29	−33 49	239 21	−26 6
2057		+ 0 1208	39775	7440	.	3675			5 49 35	+ 0 57	205 29	−12 9
2058		− 4 1281	39777	7439	.	3674			5 49 37	− 4 5	210 3	−14 30
2059		−84 75	39780	7134	.				5 49 34	−84 50	297 21	−28 49
2060		−19 1293	39789	7429	.				5 49 38	−19 40	224 51	−21 11
2061	58 α ORI	+ 7 1055	39801	7451	1362.	3679	4506	α ORI	5 49 45	+ 7 23	199 47	− 8 58
2062		−72 418	39810	7351	.				5 49 50	−72 44	283 33	−30 31
2063	U ORI	+20 11711	39816	7457	.	3683		U ORI	5 49 53	+20 8	188 44	− 2 31
2064	ε DOR	−66 463	39844	7384	1363.	3649		VAR?	5 50 0	−66 56	276 49	−30 48
2065		−11 1321	39853	7449	.	3678			5 50 4	−11 48	217 18	−17 51
2066		+28 952	39866	7472	.	3689			5 50 13	+28 56	181 13	+ 2 3
2067		+13 1036	39881	7469	1365.	3687	4519		5 50 19	+13 56	194 8	− 5 35
2068		−29 2595	39891	7446	.				5 50 21	−29 10	234 32	−24 28
2069		−42 2205	39901	7431	.				5 50 20	−42 57	249 20	−28 17
2070		− 4 1289	39910	7463	.	3685			5 50 33	− 4 38	210 40	−14 33
2071		− 4 1291	39927	7466	.				5 50 39	− 4 49	210 51	−14 37
2072		−57 901	39937	7422	.			VAR?	5 50 40	−57 10	265 28	−30 25
2073		−64 486	39963	7411	.		I		5 50 50	−64 4	273 29	−30 43
2074		+24 1033	39970	7483	.	3696			5 50 49	+24 14	185 19	+ 0 14
2075		+ 9 1016	39985	7478	.				5 50 58	+ 9 29	198 6	− 7 40
2076		+11 975	40020	7488	.	3700			5 51 14	+11 30	196 22	− 6 36
2077	33 δ AUR	+54 970	40035	7521	1367.	3717			5 51 18	+54 17	158 56	+14 41
2078		+75 247	40055	7606	.	3761			5 51 22	+75 35	138 20	+23 24
2079		+55 1036	40062	7527	.	3720			5 51 26	+55 19	158 0	+15 10
2080		+54 971	40083	7532	.	3722			5 51 33	+54 33	158 43	+14 50
2081		+49 1428	40084	7523	.	3718			5 51 36	+49 55	162 56	+12 42
2082		−39 2260	40091	7471	.				5 51 37	−39 58	246 7	−27 21
2083		−50 1977	40105	7462	1369.				5 51 44	−50 24	257 44	−29 27
2084	139 TAU	+25 1052	40111	7507	.	3712			5 51 47	+25 56	183 58	+ 0 49
2085	16 η LEP	−14 1286	40136	7492	.	3702			5 51 51	−14 11	219 45	−18 29
2086		−22 1269	40151	7494	.	3703			5 52 2	−22 51	228 15	−21 53
2087	ξ COL	−37 2487	40176	7481	1371.	3695			5 52 3	−37 8	243 4	−26 32
2088	34 β AUR	+44 1328	40183	7543	1373.	3730	4556	β AUR	5 52 12	+44 56	167 28	+10 24
2089		−49 1945	40200	7473	.	3690			5 52 11	−49 39	256 54	−29 15
2090		−23 3263	40235	7500	.				5 52 24	−23 14	228 40	−21 57
2091	35 π AUR	+45 1217	40239	7554	1375.	3733		VAR?	5 52 31	+45 56	166 36	+10 56
2092	σ COL	−31 2848	40248	7499	.	3708			5 52 35	−31 24	237 2	−24 44
2093		+ 1 1168	40282	7517	.	3716			5 52 44	+ 1 13	205 38	−11 19
2094		−52 805	40292	7479	1376.	3694			5 52 38	−52 39	260 19	−29 38
2095	37 θ AUR	+37 1380	40312	7557	1377.	3735	4566	VAR?	5 52 54	+37 12	174 20	+ 6 43
2096		+44 1332	40325	7563	.	3738	4576		5 53 0	+44 35	167 50	+10 21
2097		− 1 1078	40347	7531	.				5 53 7	− 1 1	207 41	−12 18
2098		−31 2854	40359	7508	.				5 53 5	−31 59	237 41	−24 49
2099		+12 968	40369	7547	.	3732	4562		5 53 16	+12 48	195 29	− 5 32
2100	59 ORI	+ 1 1171	40372	7539	.	3728	4555		5 53 13	+ 1 50	205 8	−10 55

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
2051	5 54 15	+ 5 15	+ 3 14	+ 1	6.42 R	.	K0	+0.052	−0.060	.	− 4	.	.		
2052	5 54 56	+ 5 55	+19 45	+ 1	5.86 R	.	B2V	+0.001	−0.010	.	+ 7V	.	.		*
2053	5 52 34	+ 3 25	−37 38	+ 1	5.64 H	.	K0	+0.026	−0.032	.	+ 32	6.0	18.8	3	D
2054	5 57 5	+ 7 41	+49 2	+ 1	6.25 R	.	G8III	+0.022	−0.020	.	− 2	.	.		
2055	5 52 48	+ 3 21	−38 32	+ 1	6.74 H	.	K0	−0.004	−0.005	.003D		4.0	1.5		
2056	5 53 7	+ 3 38	−33 48	+ 1	4.86	−0.15	B5V	−0.010	+0.033	+.028	+ 30	.	.		
2057	5 54 45	+ 5 10	+ 0 58	+ 1	6.10 R	.	K0	+0.001	−0.003	.	+ 22	.	.		
2058	5 54 35	+ 4 58	− 4 4	+ 1	6.57	−0.19	B2V	−0.001	+0.021	.	+ 25	.	.		G
2059	5 30 15	− 19 19	−84 47	+ 3	6.19	−0.02	A1V	−0.006	+0.047	.	− 4	.	.		
2060	5 53 57	+ 4 19	−19 39	+ 1	6.46 H	.	A0	−0.024	+0.004	.		.	.		
2061	5 55 10	+ 5 25	+ 7 24	+ 1	0.80	+1.86	M2Iab	+0.027	+0.007	+.005	+ 21V	10.1	175.8	5	*
2062	5 47 49	− 2 1	−72 42	+ 2	6.52	+1.08	K0	+0.018	+0.018	.		.	.		
2063	5 55 49	+ 5 56	+20 9	+ 1	5.4 H	.	gM8e	+0.004	−0.016	.	− 21	.	.		
2064	5 49 54	− 0 6	−66 55	+ 1	5.10	−0.15	B5	−0.019	+0.013	+.004	+ 16	.	.		
2065	5 54 44	+ 4 40	−11 47	+ 1	5.66	+1.53	K5III	+0.065	+0.040	.	+ 87	.	.		G
2066	5 56 34	+ 6 21	+28 57	+ 1	6.39 R	+0.30	A2Ib	+0.007	−0.002	.	+ 19	.	.		
2067	5 56 2	+ 5 43	+13 56	+ 0	6.60	+0.65	dG0	+0.389	−0.468	+.067	− 2	1.0	257.7	4	D
2068	5 54 14	+ 3 53	−29 9	+ 1	6.35	+0.38	F2	−0.024	−0.053	.		.	.		
2069	5 53 23	+ 3 3	−42 56	+ 1	6.34 H	.	K0	+0.004	+0.006	.		.	.		
2070	5 55 30	+ 4 57	− 4 37	+ 1	5.88	+1.18	gK2	+0.039	−0.016	.	+ 26	.	.		
2071	5 55 35	+ 4 56	− 4 48	+ 1	6.29	+0.06	A0	−0.012	−0.019	.		.	.		
2072	5 52 21	+ 1 41	−57 9	+ 1	5.93	+0.66	F5	+0.018	−0.081	.	+ 8V	.	.		
2073	5 51 23	+ 0 33	−64 3	+ 1	6.35	+0.86	K0+A3	−0.015	+0.012	.		.	.		
2074	5 56 57	+ 6 8	+24 15	+ 1	6.02	+0.39	A0Ia	+0.007	−0.002	.	+ 1V	.	.		G
2075	5 56 28	+ 5 30	+ 9 30	+ 1	6.00	−0.07	B9	+0.001	−0.002	.		.	.		
2076	5 56 49	+ 5 35	+11 31	+ 1	5.96 R	.	G5	+0.100	−0.054	.	+ 21	.	.		
2077	5 59 32	+ 8 14	+54 17	+ 0	3.69	+0.99	K0III	+0.085	−0.128	+.020	+ 8	.	.		
2078	6 5 10	+ 13 48	+75 35	+ 0	6.37 R	.	K5	+0.021	−0.016	.	+ 4	.	.		
2079	5 59 46	+ 8 20	+55 19	+ 0	6.45 R	.	A m	−0.010	−0.090	.	+ 45	.	.		
2080	5 59 48	+ 8 15	+54 34	+ 1	6.12 R	.	K0	+0.016	−0.037	.	− 6	.	.		
2081	5 59 22	+ 7 46	+49 56	+ 1	5.92 R	.	gG4	+0.001	−0.013	.	− 4	.	.		
2082	5 54 52	+ 3 15	−39 57	+ 1	5.63 H	.	gK6	−0.017	+0.012	.		.	.		
2083	5 54 11	+ 2 27	−50 22	+ 2	6.52	+0.90	K0	+0.074	+0.568	+.027	− 1	.	.		
2084	5 57 59	+ 6 12	+25 57	+ 1	4.78	−0.08	B1Ib	+0.004	−0.003	.	+ 8V	.	.		G
2085	5 56 24	+ 4 33	−14 10	+ 1	3.70	+0.33	F0V	−0.041	+0.138	.	− 2	.	.		
2086	5 56 14	+ 4 12	−22 50	+ 1	6.01 H	.	dK0	+0.120	+0.021	.	+ 34	.	.		
2087	5 55 29	+ 3 26	−37 7	+ 1	4.96	+1.11	gG8	+0.025	−0.027	−.016	+ 60V	.	.		
2088	5 59 32	+ 7 20	+44 57	+ 1	1.90	+0.03	A2V	−0.051	−0.004	+.037	− 18V	8.5	184.8	3	*
2089	5 54 41	+ 2 30	−49 38	+ 1	6.09	−0.14	B5	+0.003	+0.011	.	+ 12	.	.		
2090	5 56 34	+ 4 10	−23 13	+ 1	6.41 H	.	K0	+0.015	+0.025	.		.	.		
2091	5 59 56	+ 7 25	+45 57	+ 1	4.44 R	.	M3II	+0.003	−0.009	+.003	+ 1	.	.		
2092	5 56 21	+ 3 46	−31 23	+ 1	5.54 H	.	F0	+0.000	+0.008	.	+ 19	.	.		
2093	5 57 54	+ 5 10	+ 1 14	+ 1	6.36 R	.	K2	−0.070	+0.008	.	+ 37	.	.		
2094	5 54 50	+ 2 12	−52 38	+ 1	5.28	+0.32	F0V	−0.015	+0.244	+.008	+ 24	.	.		G
2095	5 59 43	+ 6 49	+37 12	+ 0	2.69 R	−0.08	B9.5pv	+0.051	−0.083	+.018	+ 29	4.5	2.8	4	D
2096	6 0 19	+ 7 19	+44 35	+ 0	6.31 R	.	K2III	−0.022	−0.044	.	+ 2	2.5	34.9	3	D
2097	5 58 12	+ 5 5	− 1 0	+ 1	6.33 H	.	K0	+0.007	−0.024	.		.	.		
2098	5 56 49	+ 3 44	−31 58	+ 1	6.43	+1.08	K0	−0.004	+0.018	.		.	.		
2099	5 58 54	+ 5 38	+12 49	+ 1	5.68 R	.	gG4	−0.012	+0.018	.	+ 12	1.8	.5		D
2100	5 58 25	+ 5 12	+ 1 51	+ 1	6.01 R	.	A5	+0.004	−0.008	.	+ 45	3.6	37.2		6

BS = HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
2101	36 AUR	+47 1227	40394	7580	.	3745			5 53 23	+47 54	164 54	+12 0
2102		−63 498	40409	7477	1380.	3693			5 53 20	−63 7	272 23	−30 25
2103	60 ORI	+ 0 1239	40446	7556	1381.	3734	B		5 53 41	+ 0 33	206 21	−11 26
2104		−64 495	40455	7486	.				5 53 45	−64 30	273 59	−30 25
2105		+48 1333	40486	7598	.	3756			5 54 2	+48 58	163 59	+12 36
2106	γ COL	−35 2612	40494	7536	.	3725	I		5 54 0	−35 18	241 14	−25 39
2107	1 MON	− 9 1284	40535	7560	.	3737			5 54 16	− 9 23	215 29	−15 52
2108	2 MON	− 9 1285	40536	7565	1383.	3739			5 54 19	− 9 34	215 40	−15 57
2109		− 1 1083	40574	7574	.				5 54 34	− 1 27	208 15	−12 11
2110		+31 1164	40588	7600	.	3757			5 54 42	+31 2	179 53	+ 3 57
2111		+27 945	40589	7597	.	3755	4589		5 54 43	+27 35	182 53	+ 2 13
2112		+49 1441	40626	7616	.	3765			5 55 2	+49 54	163 13	+13 10
2113		− 3 1256	40657	7587	1386.	3747		VAR?	5 55 3	− 3 5	209 47	−12 50
2114		−53 978	40665	7551	.		I	VAR?	5 55 7	−53 26	261 16	−29 22
2115		+43 1421	40722	7625	.	3767			5 55 40	+43 22	169 10	+10 11
2116		+22 1140	40724	7610	.				5 55 39	+22 24	187 28	+ 0 12
2117		−44 2363	40733	7576	.				5 55 40	−44 3	250 47	−27 35
2118		−12 1337	40745	7601	.				5 55 41	−12 54	218 57	−17 5
2119	38 AUR	+42 1473	40801	7641	1388.	3777			5 56 5	+42 55	169 36	+10 2
2120	η COL	−42 2266	40808	7591	1389.	3749			5 56 5	−42 49	249 27	−27 14
2121		+59 937	40827	7667	.	3793			5 56 15	+59 24	154 28	+17 33
2122		+32 1166	40832	7636	1390.	3773			5 56 22	+32 38	178 41	+ 5 4
2123		+51 1146	40873	7663	.	3790	4633	VAR?	5 56 33	+51 35	161 48	+14 9
2124	61 μ ORI	+ 9 1064	40932	7635	1393.	3772	4617	VAR?	5 56 53	+ 9 39	198 41	− 6 19
2125	κ MEN	−79 202	40953	7476	.	3692			5 57 2	−79 23	291 9	−29 26
2126		+63 630	40956	7693	.	3810			5 57 5	+63 27	150 37	+19 18
2127		+ 1 1195	40964	7640	.	3776			5 57 5	+ 1 42	205 44	−10 8
2128	3 MON	−10 1349	40967	7631	.	3770	4615		5 57 8	−10 36	216 57	−15 46
2129		−25 2865	40972	7623	.				5 57 9	−25 25	231 17	−21 45
2130	64 ORI	+19 1186	41040	7662	.	3789		VAR?	5 57 32	+19 42	190 1	− 1 11
2131		−33 2681	41047	7630	.	3769			5 57 39	−33 55	240 2	−24 31
2132	39 AUR	+42 1477	41074	7685	.	3806		VAR?	5 57 52	+42 59	169 42	+10 22
2133		+11 1009	41076	7665	.	3792			5 57 50	+11 41	197 1	− 5 7
2134	1 GEM	+23 1170	41116	7676	1398.	3801	K		5 58 2	+23 16	186 59	+ 0 42
2135	62 χ^2 ORI	+20 1233	41117	7675	1399.	3799		VAR?	5 57 59	+20 8	189 42	+ 0 52
2136		−14 1315	41125	7656	.				5 58 1	−14 30	220 43	−17 15
2137		+37 1405	41162	7688	.	3807	4649		5 58 11	+37 58	174 11	+ 8 0
2138		−51 1713	41214	7637	.	3774			5 58 29	−51 13	258 51	−28 32
2139		+33 1236	41269	7701	.	3816			5 58 58	+33 36	178 6	+ 6 1
2140		−26 2675	41312	7680	.	3804	4645		5 59 14	−26 17	232 20	−21 38
2141		+35 1334	41330	7713	1402.	3822			5 59 27	+35 24	176 34	+ 6 59
2142		− 6 1391	41335	7691	.	3809		VAR?	5 59 22	− 6 42	213 36	−13 33
2143	40 AUR	+38 1377	41357	7723	1403.	3828			5 59 41	+38 29	173 52	+ 8 31
2144	63 ORI	+ 5 1085	41361	7702	.	3817			5 59 38	+ 5 26	202 43	− 7 47
2145	66 ORI	+ 4 1116	41380	7704	.	3818			5 59 41	+ 4 10	203 51	− 8 23
2146		+29 1112	41429	7725	.	3829	4673		5 59 59	+29 31	181 47	+ 4 11
2147		+41 1357	41467	7741	.	3837			6 0 20	+41 52	170 55	+10 14
2148	17 LEP	−16 1349	41511	7711	1405.	3821		VAR?	6 0 31	−16 29	222 52	−17 32
2149		−32 2743	41534	7708	.	3819			6 0 37	−32 10	238 26	−23 22
2150		−10 1368	41547	7721	.	3827			6 0 44	−10 14	217 1	−14 49

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
2101	6 0 58	+ 7 35	+47 54	+ 0	5.68 R	.	A0	+0.009	−0.022	.	+ 16	.	.		
2102	5 54 6	+ 0 46	−63 5	+ 2	4.64	+1.05	gK3	+0.135	+0.540	+.040	+ 25	.	.		G
2103	5 58 50	+ 5 9	+ 0 34	+ 1	5.23	+0.01	A1	−0.015	−0.003	+.003	+ 34V	6.5	19.1		6
2104	5 54 12	+ 0 27	−64 29	+ 1	6.62	+0.39	F2	−0.008	+0.060	.		.	.		
2105	6 1 43	+ 7 41	+48 58	+ 0	6.09 R	.	K0	−0.007	−0.008	.	+ 11	.	.		
2106	5 57 33	+ 3 33	−35 17	+ 1	4.35	−0.18	B3IV	−0.006	+0.005	.	+ 24	8.4	33.9		
2107	5 59 1	+ 4 45	− 9 22	+ 1	6.28 H	.	F2II	+0.013	+0.012	.	+ 15V	.	.		6
2108	5 59 4	+ 4 45	− 9 34	− 0	5.02	+0.20	A m	+0.016	−0.052	+.009	+ 22V	.	.		R
2109	5 59 38	+ 5 4	− 1 27	− 0	6.37 H	−0.07	B9	−0.010	−0.019	.		.	.		
2110	6 1 10	+ 6 28	+31 2	+ 0	5.95 R	+0.08	A0V	+0.003	+0.006	.	− 11	.	.		
2111	6 1 0	+ 6 17	+27 35	+ 0	6.05	+0.25	B9Iab?	+0.003	−0.005	.	+ 17	6.3	10.1		G
2112	6 2 48	+ 7 46	+49 54	+ 0	5.95 R	.	A0	+0.027	−0.050	.	+ 22	.	.		
2113	6 0 3	+ 5 0	− 3 5	− 0	4.52	+1.22	K2III	+0.009	−0.070	+.022	+ 26	.	.		
2114	5 57 14	+ 2 7	−53 25	+ 1	6.44	+1.48	K2	+0.008	−0.018	.		1.1	56.1	3	D
2115	6 2 54	+ 7 14	+43 22	+ 0	6.38 R	.	K0	+0.023	−0.026	.	− 19	.	.		
2116	6 1 41	+ 6 2	+22 24	+ 0	6.23 R	−0.08	B8V	−0.007	−0.022	.		.	.		
2117	5 58 38	+ 2 58	−44 3	− 0	5.74 H	.	K0	−0.009	+0.010	.		.	.		
2118	6 0 18	+ 4 37	−12 54	− 0	6.21	+0.36	F0	−0.007	−0.039	.		.	.		
2119	6 3 18	+ 7 13	+42 55	+ 0	6.10	+0.97	K0III	+0.119	−0.146	+.014	+ 38	.	.		
2120	5 59 9	+ 3 4	−42 49	− 0	3.95	+1.14	K0III	+0.011	−0.022	+.014	+ 17	.	.		
2121	6 5 8	+ 8 53	+59 24	+ 0	6.94 R	.	G8	+0.010	−0.051	.	+ 31	.	.		
2122	6 2 56	+ 6 34	+32 38	+ 0	6.16 R	.	dF5	+0.082	−0.212	+.028	+ 34	.	.		
2123	6 4 29	+ 7 56	+51 35	+ 0	6.27 R	.	A5	+0.006	−0.046	.	+ 20	2.7	39.5	3	D
2124	6 2 23	+ 5 30	+ 9 39	+ 0	4.12	+0.15	A m	+0.016	−0.029	+.027	+ 45V	2.3	.4	3	*
2125	5 50 17	− 6 45	−79 22	+ 1	5.46	−0.09	B9	−0.014	+0.065	.	+ 5	.	.		
2126	6 6 39	+ 9 34	+63 27	+ 0	6.36 R	.	K0	−0.025	+0.006	.	− 15	.	.		
2127	6 2 16	+ 5 11	+ 1 42	+ 0	6.60	−0.05	A0	+0.003	+0.007	.	+ 3	.	.		
2128	6 1 50	+ 4 42	−10 36	− 0	4.95	−0.11	B5IV	−0.007	+0.000	.003D	+ 39V	3.5	1.8		*
2129	6 1 13	+ 4 4	−25 25	− 0	5.90 H	.	A1V	−0.005	−0.016	.	+ 12	.	.		
2130	6 3 27	+ 5 55	+19 42	+ 0	5.15 R	−0.11	B8III	+0.003	−0.019	.	+ 12V	.	.		R
2131	6 1 17	+ 3 38	−33 55	− 0	5.54	+1.58	K5	+0.009	−0.021	.	+ 19	.	.		
2132	6 5 4	+ 7 12	+42 59	+ 0	5.84 R	.	A8n	−0.035	−0.146	.	+ 34	.	.		G
2133	6 3 25	+ 5 35	+11 41	+ 0	5.94 R	−0.04	B9.5V	−0.015	−0.016	.	− 11	.	.		
2134	6 4 7	+ 6 5	+23 16	+ 0	4.18 R	.	gG5	−0.007	−0.105	+.026	+ 20V	.6	.2		*
2135	6 3 55	+ 5 56	+20 8	+ 0	4.63	+0.27	B2Ia	+0.006	−0.008	+.023	+ 17V	.	.		G
2136	6 2 34	+ 4 33	−14 30	− 0	6.19	+0.96	G5	+0.010	+0.011	.		.	.		
2137	6 5 3	+ 6 52	+37 58	+ 0	6.32 R	.	F8	+0.006	−0.010	.	+ 5	5.2	83.9	3	
2138	6 0 50	+ 2 21	−51 13	− 0	5.66	+0.21	A0	−0.030	+0.092	.	+ 5	.	.		
2139	6 5 34	+ 6 36	+33 36	+ 0	6.08 R	−0.08	B9IIIp	+0.012	−0.016	.	+ 25	.	.		
2140	6 3 16	+ 4 2	−26 17	− 0	5.18 H	.	gK3	+0.054	+0.090	.	+183	8.8	2.2		
2141	6 6 8	+ 6 41	+35 23	− 1	6.01 R	.	dG0	−0.126	−0.306	+.046	− 12	.	.		
2142	6 4 14	+ 4 52	− 6 42	− 0	5.23	−0.07	B2IV-Vnne	−0.006	−0.002	.	+ 51V	.	.		
2143	6 6 35	+ 6 54	+38 28	− 1	5.27 R	.	A m	+0.014	−0.053	+.000	+ 18V	.	.		R
2144	6 4 58	+ 5 20	+ 5 26	+ 0	5.73 R	.	gG7	+0.000	+0.003	.	+ 20	.	.		
2145	6 4 58	+ 5 17	+ 4 10	+ 0	5.62	+1.04	gG4	+0.000	−0.004	.	+ 33	.	.		
2146	6 6 22	+ 6 23	+29 31	+ 0	6.11 R	.	M3II	+0.018	−0.008	.	− 36	4.7	10.0		D
2147	6 7 27	+ 7 7	+41 51	− 1	6.19 R	.	K0III	+0.010	−0.024	.	+ 6	.	.		
2148	6 4 59	+ 4 28	−16 29	− 0	4.92	+0.24	A2p	−0.006	−0.001	+.023	+ 20V	.	.		S
2149	6 4 20	+ 3 43	−32 10	− 0	5.64	−0.20	B3V	−0.017	+0.129	.	+ 94V	.	.		
2150	6 5 27	+ 4 43	−10 14	− 0	5.86	+0.37	dF4	+0.013	+0.024	.	+ 33V	.	.		5

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
2151		−60 537	41586	7686	.				6 0 54	−60 6	268 59	−29 20
2152	37 CAM	+58 897	41597	7796	1407.	3858			6 1 10	+58 57	155 10	+17 56
2153		+41 1365	41636	7780	.	3853			6 1 20	+41 4	171 43	+10 1
2154		− 4 1362	41692	7750	.	3841	4698		6 1 41	− 4 11	211 34	−11 53
2155	18 θ LEP	−14 1331	41695	7742	1409.	3838			6 1 38	−14 56	221 31	−16 39
2156	S LEP	−24 3679	41698	7737	.	3833		S LEP	6 1 38	−24 11	230 27	−20 21
2157		−45 2300	41700	7719	1410.		IC		6 1 36	−45 2	252 8	−26 47
2158		−45 2302	41742	7727	1411.		IAB		6 1 48	−45 5	252 12	−26 46
2159	67 ν ORI	+14 1152	41753	7772	1412.	3851			6 1 52	+14 47	194 48	− 2 44
2160		−35 2684	41759	7735	.				6 1 55	−35 30	241 59	−24 10
2161		−11 1386	41814	7764	.	3847			6 2 11	−11 10	218 2	−14 54
2162		−48 2124	41824	7731	1415.		I		6 2 11	−48 27	255 54	−27 26
2163		−23 3431	41841	7763	1417.	3846	4704		6 2 22	−23 6	229 28	−19 47
2164		−29 2769	41843	7751	.				6 2 15	−29 45	236 5	−22 14
2165	36 CAM	+65 517	41927	7856	1418.	3892			6 2 47	+65 44	148 38	+20 44
2166		−21 1353	41933	7779	.				6 2 44	−21 48	228 13	−19 12
2167		+ 8 1202	42035	7809	.				6 3 19	+ 8 41	200 18	− 5 25
2168	19 LEP	−19 1361	42042	7794	.	3857			6 3 21	−19 9	225 43	−18 1
2169		+22 1198	42049	7824	.	3872			6 3 31	+22 12	188 33	+ 1 16
2170		−34 2655	42054	7788	.	3854			6 3 28	−34 18	240 50	−23 29
2171	π^1 COL	−42 2343	42078	7785	.				6 3 36	−42 17	249 15	−25 46
2172		+52 1041	42083	7850	.	3888			6 3 44	+52 40	161 17	+15 37
2173	3 GEM	+23 1226	42087	7827	.	3874	4751		6 3 40	+23 8	187 45	+ 1 46
2174		+ 2 1139	42111	7817	.	3871	4749		6 3 45	+ 2 31	205 48	− 8 17
2175	41 AUR	+48 1352	42126	7851	.	3889	4773B		6 3 57	+48 44	164 58	+13 56
2176	41 AUR	+48 1352	42127	7853	.	3890	4773A		6 3 57	+48 44	164 58	+13 56
2177	θ COL	−37 2609	42167	7805	.	3865			6 4 6	−37 14	243 56	−24 16
2178		−45 2317	42168	7797	.				6 4 8	−45 5	252 18	−26 22
2179		− 5 1523	42278	7837	.				6 4 41	− 5 41	213 17	−11 54
2180		−22 1327	42301	7830	1423.	3877			6 4 46	−22 25	229 1	−19 0
2181	π^2 COL	−42 2351	42303	7816	1424.	3870			6 4 47	−42 8	249 10	−25 31
2182		−18 1316	42327	7836	.		B		6 4 57	−18 6	224 52	−17 15
2183		−14 1348	42341	7841	.	3883			6 5 2	−14 34	221 32	−15 45
2184		+18 1112	42351	7864	.	3894			6 5 11	+18 9	192 16	+ 0 23
2185	5 GEM	+24 1151	42398	7872	.	3899			6 5 24	+24 27	186 48	+ 2 45
2186		−22 1330	42443	7849	.	3887	R1146		6 5 36	−22 45	229 25	−18 58
2187		−44 2452	42448	7835	.		I		6 5 38	−44 20	251 34	−25 55
2188		+51 1163	42466	7907	.	3922			6 5 52	+51 12	162 49	+15 18
2189		+32 1217	42471	7888	.	3910			6 5 47	+32 43	179 35	+ 6 50
2190	TV GEM	+21 1146	42475	7881	.	3906		TV GEM	6 5 50	+21 54	189 4	+ 1 36
2191		+13 1151	42477	7877	.	3904			6 5 48	+13 40	196 15	− 2 27
2192		−26 2761	42486	7855	.				6 5 47	−26 41	233 18	−20 24
2193	68 ORI	+19 1253	42509	7887	.	3909			6 6 6	+19 49	190 55	+ 0 38
2194	η^1 DOR	−66 493	42525	7813	.				6 6 2	−66 2	275 48	−29 11
2195		− 6 1439	42536	7875	.				6 6 10	− 6 44	214 25	−12 3
2196		−62 582	42540	7825	1427.	3873		VAR?	6 6 9	−62 8	271 22	−28 54
2197	6 GEM	+22 1220	42543	7896	1428.	3914		BU GEM	6 6 15	+22 56	188 13	+ 2 11
2198	69 ORI	+16 1035	42545	7891	.	3912			6 6 17	+16 9	194 8	− 1 8
2199	70 ξ ORI	+14 1187	42560	7889	1429.	3911			6 6 15	+14 14	195 48	− 2 4
2200		−27 2780	42621	7874	.	3903		VAR?	6 6 36	−27 8	233 49	−20 24

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
2151	6 2 9	+ 1 15	−60 6	− 0	6.50 H	.	M1	+0.004	+0.001	.		.	.		
2152	6 10 0	+ 8 50	+58 56	− 1	5.32 R	.	G8III	+0.028	+0.022	+.011	+ 31	.	.		
2153	6 8 24	+ 7 4	+41 3	− 1	6.36	+1.05	K0III	−0.013	−0.056	.	− 87	.	.		
2154	6 6 38	+ 4 57	− 4 12	− 1	5.37	−0.15	B5IV	−0.009	−0.002	.	+ 20	6.2	29.6		
2155	6 6 10	+ 4 32	−14 57	− 1	4.67	+0.04	A1V	−0.014	+0.018	+.008	+ 32V?	.	.		
2156	6 5 46	+ 4 8	−24 12	− 1	6.0 H	.	M6	+0.025	−0.020	.	+ 12	.	.		
2157	6 4 29	+ 2 53	−45 2	− 0	6.34	+0.52	F8	−0.088	+0.241	+.035		.3	198.	3	D
2158	6 4 41	+ 2 53	−45 5	− 0	5.92	+0.50	F5	−0.081	+0.251	+.025		3.1	4.4	3	D
2159	6 7 35	+ 5 43	+14 46	− 1	4.42 R	−0.27	B3V	+0.009	−0.027	−.034	+ 22V	.	.		*
2160	6 5 27	+ 3 32	−35 31	− 1	5.79	+0.02	A1	+0.000	+0.016	.		.	.		
2161	6 6 52	+ 4 41	−11 11	− 1	6.65	−0.18	B5	−0.004	+0.001	.	+ 13	.	.		
2162	6 4 47	+ 2 36	−48 28	− 1	6.56	+0.72	G5	−0.099	−0.042	+.011		.4	3.9		2
2163	6 6 32	+ 4 10	−23 7	− 1	5.46	+0.07	A2	−0.021	−0.024	+.008	− 15	4.8	44.9		
2164	6 6 6	+ 3 51	−29 46	− 1	5.80	+0.04	A1?V	+0.010	−0.043	.	+ 7V	.	.		
2165	6 12 51	+ 10 4	+65 43	− 1	5.28 R	.	K2II-III	+0.011	−0.029	+.003	+ 7	.	.		6
2166	6 6 58	+ 4 14	−21 49	− 1	6.12 H	.	M4	+0.006	−0.017	.		.	.		
2167	6 8 47	+ 5 28	+ 8 40	− 1	6.56	−0.08	B9	+0.033	+0.004	.		.	.		
2168	6 7 42	+ 4 21	−19 10	− 1	5.31	+1.66	gM2	+0.014	+0.054	.	+ 29	.	.		
2169	6 9 33	+ 6 2	+22 11	− 1	5.89 R	.	gK4	−0.014	−0.015	.	+ 8	.	.		
2170	6 7 4	+ 3 36	−34 19	− 1	5.93 H	.	B5	−0.004	+0.002	.	+ 18	.	.		
2171	6 6 41	+ 3 5	−42 18	− 1	6.25 H	.	A m	−0.041	+0.001	.	− 2V	.	.		
2172	6 11 47	+ 8 3	+52 39	− 1	6.24 R	.	A2	+0.015	−0.074	.	+ 13	.	.		
2173	6 9 44	+ 6 4	+23 7	− 1	5.76	+0.22	B2.5Ib	+0.011	−0.004	.	+ 16V	4.1	.5	3	*
2174	6 8 58	+ 5 13	+ 2 30	− 1	5.56 R	.	A0	+0.003	−0.020	.	+ 34	1.0	29.4	3	D
2175	6 11 37	+ 7 40	+48 43	− 1	6.82 H	.	A0	+0.015	−0.070	.010D	+ 29	1.2	8.0		*
2176	6 11 37	+ 7 40	+48 43	− 1	6.09 H	.	A0	+0.022	−0.054	.010D	+ 33	1.2	8.0		*
2177	6 7 32	+ 3 26	−37 15	− 1	5.01	−0.12	B9	−0.004	−0.001	.	+ 45	.	.		
2178	6 7 2	+ 2 54	−45 6	− 1	6.36 H	.	K2	+0.076	+0.041	.		.	.		
2179	6 9 35	+ 4 54	− 5 42	− 1	6.18	+0.35	F0	+0.057	+0.015	.		.	.		
2180	6 8 58	+ 4 12	−22 26	− 1	5.49	−0.02	A0IV	+0.004	−0.041	+.006	+ 44	.	.		
2181	6 7 53	+ 3 6	−42 9	− 1	5.48 H	.	A0	−0.007	−0.016	+.010	+ 31	.	.		
2182	6 9 21	+ 4 24	−18 7	− 1	6.34	−0.03	A0	+0.014	−0.015	.		6.5	23.0		
2183	6 9 34	+ 4 32	−14 35	− 1	5.55	+1.16	gK2	−0.048	+0.045	.	+ 31	.	.		
2184	6 11 2	+ 5 51	+18 8	− 1	6.23 R	.	K1II-III	+0.003	−0.051	.	− 3	.	.		
2185	6 11 32	+ 6 8	+24 26	− 1	5.90 R	.	gK0	+0.001	−0.057	.	+ 22V	.	.		6
2186	6 9 48	+ 4 12	−22 46	− 1	5.70	+0.44	dF6	+0.081	+0.066	.022D	+ 22	.0	.2		D
2187	6 8 35	+ 2 57	−44 21	− 1	6.25 H	.	B8	−0.020	+0.006	.		6.2	33.4		
2188	6 13 45	+ 7 53	+51 10	− 2	6.13 R	.	K1III	−0.003	−0.069	.	+ 11	.	.		
2189	6 12 20	+ 6 33	+32 42	− 1	5.76 R	.	gM1	+0.008	−0.003	.	− 51	.	.		
2190	6 11 51	+ 6 1	+21 53	− 1	7.0 H	.	M1Iab	+0.007	+0.013	.	+ 17	.	.		
2191	6 11 28	+ 5 40	+13 39	− 1	5.88 R	+0.00	B9.5V	−0.003	−0.020	.	+ 13	.	.		
2192	6 9 47	+ 4 0	−26 42	− 1	6.19 H	.	K0	−0.011	+0.019	.		.	.		
2193	6 12 1	+ 5 55	+19 48	− 1	5.67 R	−0.09	B9.5V	+0.006	−0.012	.	+ 31	.	.		
2194	6 6 9	+ 0 7	−66 3	− 1	5.70	−0.03	B9	+0.015	+0.023	.		.	.		
2195	6 11 2	+ 4 52	− 6 45	− 1	6.15	+0.02	A p	+0.003	−0.002	.		.	.		
2196	6 7 4	+ 0 55	−62 9	− 1	5.05 H	.	gK0	+0.015	−0.079	+.007	+ 22	.	.		
2197	6 12 19	+ 6 4	+22 55	− 1	6.11 R	.	M1Ia	+0.007	−0.007	+.000	+ 22	.	.		
2198	6 12 3	+ 5 46	+16 8	− 1	4.90 R	−0.17	B5V	+0.012	−0.017	.	+ 22V	.	.		*
2199	6 11 56	+ 5 41	+14 13	− 1	4.38 R	−0.20	B3V	+0.006	−0.023	−.004	+ 24V	.	.		G
2200	6 10 35	+ 3 59	−27 9	− 1	5.79 H	.	gK1	−0.019	−0.048	.	+ 1	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
2201	40 CAM	+60 938	42633	7949	.	3932			6 6 42	+60 2	154 25	+19 0
2202		− 4 1393	42657	7894	.		4799		6 6 47	− 4 38	212 34	−10 58
2203		−40 2291	42682	7873	.	3902			6 6 57	−40 20	247 22	−24 38
2204		−49 2084	42683	7865	.				6 6 53	−49 33	257 18	−26 54
2205		− 6 1446	42690	7899	.	3919			6 7 0	− 6 32	214 19	−11 47
2206		−26 2784	42729	7892	.				6 7 13	−26 27	233 12	−20 1
2207		+18 1129	42784	7929	.				6 7 41	+18 43	192 3	+ 0 25
2208		+10 1050	42807	7921	1435.	3925			6 7 39	+10 40	199 5	− 3 31
2209		+69 371	42818	8020	1436.	3964			6 7 50	+69 21	145 10	+22 27
2210		− 2 1512	42824	7916	.				6 7 43	− 2 29	210 45	− 9 46
2211		−45 2349	42834	7893	.				6 7 47	−45 16	252 41	−25 47
2212	δ PIC	−54 980	42933	7898	.	3916		VAR?	6 8 21	−54 57	263 19	−27 41
2213		−17 1398	42927	7925	.	3926			6 8 22	−17 44	224 52	−16 21
2214		+17 1182	42954	7956	.	3936	K		6 8 38	+17 56	192 51	+ 0 14
2215	1 LYN	+61 869	42973	8016	1443.	3962		VAR?	6 8 42	+61 33	153 2	+19 48:
2216	7 η GEM	+22 1241	42995	7969	1444.	3940	4841	η GEM	6 8 50	+22 32	188 51	+ 2 30:
2217		+36 1388	43017	7983	.	3947	4849A		6 8 54	+36 11	176 48	+ 9 2:
2218		− 3 1345	43023	7952	.	3935			6 8 56	− 3 43	212 0	−10 4:
2219	44 κ AUR	+29 1154	43039	7981	1448.	3945		VAR?	6 9 0	+29 32	182 43	+ 5 55:
2220	71 ORI	+19 1270	43042	7971	1449.	3943	4842		6 8 58	+19 11	191 48	+ 0 54:
2221	ν DOR	−68 474	43107	7886	.	3908			6 9 23	−68 49	279 0	−27 0:
2222		+13 1173	43112	7984	.	3948	B	VAR?	6 9 28	+13 53	196 29	− 1 34:
2223	72 ORI	+16 1060	43153	7987	.	3951			6 9 39	+16 10	194 31	+ 0 25:
2224		− 4 1421	43157	7980	.		4846		6 9 40	− 4 32	212 49	−10 16:
2225		−23 3577	43162	7961	.				6 9 37	−23 50	230 51	−18 32
2226		−29 2883	43179	7958	.				6 9 41	−29 22	236 18	−20 35
2227	5 γ MON	− 6 1469	43232	7986	1452.	3949	4853		6 9 59	− 6 15	214 25	−10 59
2228	42 AUR	+46 1122	43244	8037	.	3970			6 10 7	+46 27	167 33	+13 52
2229	73 ORI	+12 1081	43247	7996	.	3953			6 10 8	+12 35	197 42	− 2 3
2230	8 GEM	+24 1182	43261	8015	.	3961			6 10 12	+24 0	187 43	+ 3 29
2231		+ 6 1172	43285	7998	.	3956			6 10 19	+ 6 6	203 25	− 5 8
2232		+ 4 1181	43317	8010	.	3958			6 10 29	+ 4 10	205 9	− 6 1
2233		− 0 1234	43318	8001	1456.	3957			6 10 29	− 0 28	209 16	− 8 12
2234		− 4 1431	43319	8000	.		4865		6 10 34	− 4 53	213 14	−10 14
2235		+17 1191	43335	8025	.	3966			6 10 35	+17 12	193 43	+ 0 17
2236		+ 1 1275	43358	8017	.	3963	R1174		6 10 45	+ 1 12	207 49	− 7 22
2237		− 8 1368	43362	8002	1456.1		4866		6 10 40	− 9 0	217 0	−12 5
2238	2 LYN	+59 959	43378	8068	1458.	3986		VAR?	6 10 48	+59 3	155 35	+19 6
2239	43 AUR	+46 1124	43380	8055	.	3977			6 10 49	+46 24	167 39	+13 58
2240	9 GEM	+23 1275	43384	8039	.	3973			6 10 53	+23 46	188 0	+ 3 31
2241	74 ORI	+12 1084	43386	8033	1459.	3969	B		6 10 50	+12 18	198 2	− 2 2
2242		−20 1336	43396	7997	.				6 10 50	−20 15	227 31	−16 51
2243		−18 1352	43429	8008	.				6 10 55	−18 27	225 49	−16 6
2244		−13 1411	43445	8024	.	3965			6 11 10	−13 41	221 22	−14 2
2245	η^2 DOR	−65 561	43455	7946	1460.	3930		VAR?	6 11 2	−65 34	275 19	−28 39
2246		+ 1 1278	43461	8036	.				6 11 11	+ 1 7	207 56	− 7 19
2247	75 ORI	+ 9 1173	43525	8051	1461.	3976	4890		6 11 36	+ 9 59	200 9	− 1 0
2248		+ 7 1216	43526	8050	.				6 11 35	+ 7 5	202 42	− 4 23
2249		−16 1415	43544	8038	.	3972			6 11 40	−16 35	224 8	−15 9
2250		+14 1233	43583	8061	.	3980			6 11 51	+14 6	196 35	+ 0 57

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
2201	6 15 41	+ 8 59	+60 0	− 2	5.45 R	.	gK3	+0.037	−0.021	.	+ 12	.	.		
2202	6 11 43	+ 4 56	− 4 39	− 1	6.17	−0.09	B9	−0.012	−0.009	.		2.5	1.4		2
2203	6 10 11	+ 3 14	−40 21	− 1	5.56 H	.	M1	−0.034	+0.074	.	− 19	.	.		
2204	6 9 23	+ 2 30	−49 34	− 1	6.48	+0.52	F5	−0.033	+0.078	.		.	.		
2205	6 11 52	+ 4 52	− 6 33	− 1	5.06	−0.22	B2V	−0.006	−0.004	.	+ 29	.	.		
2206	6 11 14	+ 4 1	−26 28	− 1	5.98 H	.	A0	−0.019	+0.001	.		.	.		
2207	6 13 34	+ 5 53	+18 41	− 2	6.20 R	−0.08	B8V	+0.028	−0.020	.		.	.		
2208	6 13 12	+ 5 33	+10 38	− 2	6.46	+0.68	dG4	+0.094	−0.286	+.056	+ 3	.	.		
2209	6 18 51	+ 11 1	+69 19	− 2	4.70 R	.	A0V	+0.007	−0.106	+.013	− 17V	.	.		
2210	6 12 44	+ 5 1	− 2 30	− 1	6.61	+0.05	A0	−0.045	+0.012	.		.	.		
2211	6 10 39	+ 2 52	−45 17	− 1	6.30	−0.03	A0	−0.011	−0.001	.		.	.		
2212	6 10 18	+ 1 57	−54 58	− 1	4.84 H	.	B1	−0.010	+0.004	.	− 2V	.	.		6
2213	6 12 47	+ 4 25	−17 46	− 2	6.52	−0.19	B3	−0.007	+0.017	.	+ 8	.	.		
2214	6 14 28	+ 5 50	+17 54	− 2	5.71 R	.	A m	−0.006	−0.016	.	+ 24V	.0	.5		*
2215	6 17 55	+ 9 13	+61 31	− 2	5.07 R	.	gM3	+0.001	−0.004	+.005	+ 11	.	.		
2216	6 14 52	+ 6 2	+22 30	− 2	3.2 H	.	M3III	−0.064	−0.015	+.013	+ 19V	5.8	1.4		*
2217	6 15 38	+ 6 44	+36 9	− 2	6.40 R	.	dF4	−0.061	+0.004	.	+ 7	1.0	11.4	4	D
2218	6 13 55	+ 4 59	− 3 45	− 2	5.82	+0.94	gG7	−0.012	+0.025	.	+ 49	.	.		
2219	6 15 22	+ 6 22	+29 30	− 2	4.34	+1.03	G8III	−0.067	−0.264	+.016	+ 20	.	.		
2220	6 14 51	+ 5 53	+19 9	− 2	5.19	+0.45	F6V	−0.094	−0.191	+.037	+ 36	4.8	91.2	4	D
2221	6 8 45	− 0 38	−68 50	− 1	5.05	−0.08	B8V	−0.052	+0.022	.	+ 18	.	.		
2222	6 15 9	+ 5 41	+13 51	− 2	5.90	−0.24	B1V	+0.034	+0.007	.	+ 36	6.5	21.4		
2223	6 15 25	+ 5 46	+16 8	− 2	5.19 R	−0.13	B7V	+0.007	−0.016	.	+ 23	.	.		
2224	6 14 37	+ 4 57	− 4 34	− 2	5.76 H	.	A0	−0.009	+0.006	.		6.0	2.1		
2225	6 13 45	+ 4 8	−23 52	− 2	6.37	+0.71	G5	−0.069	+0.115	.		.	.		
2226	6 13 33	+ 3 52	−29 24	− 2	6.40 H	.	B8	−0.029	−0.015	.		.	.		
2227	6 14 52	+ 4 53	− 6 17	− 2	3.98	+1.33	K3III	−0.004	−0.018	+.010	− 5	9.0	51.4		
2228	6 17 34	+ 7 27	+46 25	− 2	6.52	+0.27	F0V	−0.040	+0.014	.	− 8	.	.		G
2229	6 15 45	+ 5 37	+12 33	− 2	5.34 R	−0.03	B9II-III	+0.001	−0.002	.	+ 13	.	.		
2230	6 16 19	+ 6 7	+23 58	− 2	6.09	+0.90	G5III	−0.010	−0.012	.	− 21	.	.		G
2231	6 15 41	+ 5 22	+ 6 4	− 2	5.93 R	−0.10	B5e	−0.007	−0.025	.	+ 26	.	.		
2232	6 15 46	+ 5 17	+ 4 8	− 2	6.65	−0.18	B4	−0.018	−0.002	.	+ 13V	.	.		6
2233	6 15 34	+ 5 5	− 0 30	− 2	5.64	+0.50	F6V	−0.162	−0.222	+.034	− 36	.	.		
2234	6 15 30	+ 4 56	− 4 55	− 2	5.98	+0.08	A2	+0.024	−0.045	.		4.2	4.2		
2235	6 16 24	+ 5 49	+17 10	− 2	6.34 R	.	K0	+0.001	−0.018	.	+ 38	.	.		
2236	6 15 55	+ 5 10	+ 1 10	− 2	6.26 R	.	F5	−0.006	+0.034	.	+ 3	.0	.2		
2237	6 15 26	+ 4 46	− 9 2	− 2	6.11	−0.08	B9	−0.037	+0.015	+.000		.0	.3		2
2238	6 19 37	+ 8 49	+59 1	− 2	4.41 R	.	A2V	−0.005	+0.022	+.035	− 4	.	.		
2239	6 18 16	+ 7 27	+46 22	− 2	6.39	+1.11	K2III	+0.015	−0.131	.	+ 0	.	.		
2240	6 16 59	+ 6 6	+23 44	− 2	6.28	+0.44	B3Iab	+0.005	−0.004	.	+ 13	.	.		G
2241	6 16 27	+ 5 37	+12 16	− 2	5.03	+0.43	F5IV-V	+0.082	+0.188	+.042	+ 9	7.0	24.1		
2242	6 15 8	+ 4 18	−20 17	− 2	5.74 H	.	K0	+0.006	+0.029	.		.	.		
2243	6 15 18	+ 4 23	−18 29	− 2	6.24 H	.	K0	+0.017	−0.048	.		.	.		
2244	6 15 45	+ 4 35	−13 43	− 2	5.00	−0.08	B8V	+0.010	−0.010	.	+ 38V?	.	.		
2245	6 11 15	+ 0 13	−65 35	− 1	4.88 H	+1.63	gM3	−0.029	+0.111	+.003	+ 35	.	.		
2246	6 16 21	+ 5 10	+ 1 5	− 2	6.62	−0.05	B8	+0.015	−0.008	.		.	.		
2247	6 17 7	+ 5 31	+ 9 57	− 2	5.38	+0.10	A2	+0.003	−0.064	+.013	+ 13	3.0	119.9	5	D
2248	6 16 59	+ 5 24	+ 7 3	− 2	6.56	−0.14	B8	−0.010	+0.008	.		.	.		
2249	6 16 8	+ 4 28	−16 37	− 2	5.93	−0.18	B5	+0.000	+0.008	.	+ 14	.	.		
2250	6 17 32	+ 5 41	+14 4	− 2	6.46 R	−0.06	B9.5V	+0.003	−0.015	.	+ 10	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
2251		+ 5 1168	43587	8058	1463.	3979		VAR?	6 11 58	+ 5 8	204 28	− 5 14
2252		−29 2936	43636	8042	.				6 12 6	−29 45	236 53	−20 14
2253		+14 1235	43683	8073	.	3989	4901		6 12 24	+14 25	196 22	+ 0 41
2254		−22 1364	43745	8065	1465.	3985	I		6 12 51	−22 40	230 2	−17 23
2255	6 MON	−10 1455	43760	8070	.	3988			6 12 53	−10 41	218 47	−12 20
2256	κ COL	−35 2800	43785	8062	1466.	3981			6 13 0	−35 6	242 21	−21 53
2257	4 LYN	+59 964	43812	8147	.	4019	4950		6 13 11	+59 25	155 21	+19 32
2258		+17 1203	43819	8101	.	4002			6 13 13	+17 21	193 53	+ 0 54
2259		+ 9 1184	43821	8096	.	3998			6 13 12	+ 9 6	201 7	− 3 4
2260		−16 1426	43827	8080	1467.	3994			6 13 15	−16 47	224 29	−14 54
2261	α MEN	−74 374	43834	7962	1468.	3938			6 13 13	−74 43	285 45	−28 48
2262		−39 2491	43847	8064	.				6 13 17	−39 47	247 11	−23 19
2263		−37 2707	43899	8075	.	3991			6 13 37	−37 42	245 3	−22 37
2264	45 AUR	+53 1008	43905	8151	1468.2	4021			6 13 39	+53 30	161 8	+17 19
2265		−37 2708	43940	8079	.				6 13 44	−37 13	244 33	−22 26
2266		−19 1407	43955	8099	.	4000			6 13 55	−19 56	227 31	−16 4
2267		− 9 1411	43993	8107	.	4004			6 14 5	− 9 21	217 42	−11 29
2268		−14 1400	44021	8108	.	4006			6 14 17	−14 59	222 55	−13 54
2269		+14 1247	44033	8131	.	4015			6 14 22	+14 42	196 21	+ 0 8
2270		− 8 1386	44037	8113	.				6 14 21	− 8 32	216 59	−11 3
2271		−20 1355	44081	8120	.	4013			6 14 43	−20 53	228 30	−16 17
2272		+29 1190	44092	8156	.	4025			6 14 49	+29 35	183 17	+ 7 3
2273	7 MON	− 7 1373	44112	8132	.	4016			6 14 54	− 7 47	216 22	−10 36
2274		−59 619	44120	8084	1471.		I		6 14 56	−59 10	268 10	−27 28
2275		− 2 1564	44131	8137	1472.	4017		VAR?	6 14 59	− 2 54	211 58	− 8 21
2276		+11 1128	44173	8158	.	4026			6 15 17	+11 48	199 0	− 1 20
2277		+17 1214	44234	8172	.	4031			6 15 36	+17 49	193 45	+ 1 38
2278		−52 902	44267	8114	.				6 15 39	−52 42	261 3	−26 12
2279		−34 2795	44323	8154	.	4023			6 16 5	−34 21	241 49	−21 3
2280		+ 2 1197	44333	8181	.	4035	4971	VAR?	6 16 13	+ 2 19	207 28	− 5 38
2281		−50 2169	44362	8145	.				6 16 20	−50 19	258 30	−25 35
2282	1 ζ CMA	−30 3038	44402	8170	1474.	4030			6 16 28	−30 1	237 31	−19 26
2283		−71 426	44447	8093	.				6 16 42	−71 40	282 17	−28 29
2284		−11 1460	44458	8186	.	4037	4978		6 16 45	−11 44	220 10	−11 57
2285		+70 401	44472	8293	.	4086	5039		6 16 50	+70 35	144 9	+23 34
2286	13 μ GEM	+22 1304	44478	8208	1475.	4046	4990	VAR?	6 16 55	+22 34	189 43	+ 4 10
2287		+12 1123	44497	8203	.	4044			6 17 0	+12 37	198 29	+ 0 34
2288		−34 2806	44506	8180	.	4034		VAR?	6 16 59	−34 6	241 38	−20 47
2289	46 ψ^1 AUR	+49 1488	44537	8235	1476.	4058		ψ^1 AUR	6 17 12	+49 20	165 21	+16 10
2290		−48 2259	44594	8179	1477.				6 17 28	−48 41	256 47	−25 1
2291	RR LYN	+56 1125	44691	8281	1479.	4079		RR LYN	6 17 59	+56 20	158 38	+18 59
2292		+ 3 1221	44700	8227	.	4054			6 18 2	+ 3 49	206 21	− 4 32
2293	5 LYN	+58 927	44708	8287	1480.	4081	5036		6 18 5	+58 28	156 32	+19 46
2294	2 β CMA	−17 1467	44743	8223	1481.	4051		VAR?	6 18 18	−17 54	226 3	−14 16
2295		− 4 1484	44756	8232	.				6 18 26	− 4 39	213 56	− 8 23
2296	δ COL	−33 2927	44762	8214	1483.	4050			6 18 28	−33 23	241 1	−20 15
2297		+29 1213	44766	8263	.	4069			6 18 30	+29 46	183 29	+ 7 51
2298	8 MON	+ 4 1236	44769	8240	1482.	4062	5012A		6 18 28	+ 4 39	205 40	− 4 2
2299	8 MON	+ 4 1237	44770	8241	.	4063	5012B		6 18 28	+ 4 39	205 40	− 4 2
2300		+ 8 1316	44783	8248	.	4065			6 18 34	+ 8 56	201 54	− 1 59

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
2251	6 17 16	+ 5 18	+5 6	− 2	5.70	+0.61	dG0	−0.217	+0.158	+.048	+ 13	.	.		
2252	6 15 57	+ 3 51	−29 47	− 2	6.65	+1.56	K2	+0.000	+0.006	.		.	.		
2253	6 18 5	+ 5 41	+14 23	− 2	5.91 R	+0.05	A2V	−0.017	−0.001	.	+ 11	6.4	25.3	3	D
2254	6 17 3	+ 4 12	−22 43	− 3	6.03	+0.59	dG0	+0.122	−0.252	+.011	− 3	4.0	35.5		D
2255	6 17 35	+ 4 42	−10 43	− 2	6.67 H	.	F0	−0.004	−0.007	.	+ 27	.	.		
2256	6 16 33	+ 3 33	−35 8	− 2	4.36	+1.00	G8III	−0.011	+0.080	+.019	+ 24V?	.	.		
2257	6 22 4	+ 8 53	+59 22	− 3	5.93 R	.	A2	+0.003	+0.003	.005D	− 24	1.5	.9	4	D
2258	6 19 2	+ 5 49	+17 19	− 2	6.14 R	−0.09	A p	−0.006	−0.013	.	+ 4	.	.		
2259	6 18 41	+ 5 29	+ 9 4	− 2	6.23	+0.87	K0	+0.031	−0.045	.	− 14V?	.	.		
2260	6 17 42	+ 4 27	−16 49	− 2	5.13	+1.30	K3III	−0.009	+0.008	+.011	− 8	.	.		
2261	6 10 15	− 2 58	−74 45	− 2	5.08	+0.72	G5V	+0.122	−0.218	+.115	+ 35	.	.		
2262	6 16 33	+ 3 16	−39 49	− 2	5.99	+0.16	A0	−0.021	−0.024	.		.	.		
2263	6 17 1	+ 3 24	−37 44	− 2	5.62 H	.	gK1	−0.006	+0.079	.	+ 70	.	.		G
2264	6 21 47	+ 8 8	+53 27	− 3	5.35	+0.44	F5III	+0.032	−0.096	+.025	− 1V	.	.		R
2265	6 17 10	+ 3 26	−37 15	− 2	6.00 H	.	A2	−0.018	−0.012	.		.	.		
2266	6 18 14	+ 4 19	−19 58	− 2	5.31 H	.	B2V	−0.007	+0.008	.	+ 23V	.	.		
2267	6 18 50	+ 4 45	− 9 23	− 2	5.35	+1.24	gK1	+0.003	−0.033	.	+ 7	.	.		
2268	6 18 49	+ 4 32	−15 1	− 2	6.06	+1.66	gM1	−0.003	+0.022	.	+ 51	.	.		
2269	6 20 4	+ 5 42	+14 39	− 3	5.81 R	.	gM0	+0.000	−0.017	.	+ 33	.	.		
2270	6 19 8	+ 4 47	− 8 34	− 2	6.21	−0.04	B9	−0.022	−0.010	.		.	.		
2271	6 18 59	+ 4 16	−20 55	− 2	5.80	−0.16	B5	−0.007	−0.011	.	+ 31	.	.		
2272	6 21 12	+ 6 23	+29 32	− 3	6.26 R	+0.06	A1V	+0.039	−0.041	.	+ 25	.	.		
2273	6 19 43	+ 4 49	− 7 50	− 3	5.24	−0.20	B2V	−0.007	+0.000	.	+ 29V	.	.		
2274	6 16 19	+ 1 23	−59 13	− 3	6.42	+0.59	G0	−0.060	−0.330	+.037		1.3	57.6		D
2275	6 19 59	+ 5 0	− 2 57	− 3	4.89	+1.60	gM1	−0.013	+0.004	+.003	+ 47	.	.		
2276	6 20 52	+ 5 35	+11 45	− 3	6.40 R	.	B5n	+0.025	+0.001	.	+ 19	.	.		
2277	6 21 26	+ 5 50	+17 46	− 3	6.31 R	.	g?G9	+0.023	−0.043	.	+ 10	.	.		
2278	6 17 51	+ 2 12	−52 44	− 2	6.40	+1.46	K0	−0.005	−0.010	.		.	.		
2279	6 19 41	+ 3 36	−34 24	− 3	5.77	−0.09	B9	+0.007	+0.000	.	+ 26	.	.		
2280	6 21 26	+ 5 13	+ 2 16	− 3	6.30	+0.25	A5	−0.016	−0.026	.012D	− 26	.3	.4		D
2281	6 18 47	+ 2 27	−50 22	− 3	7.03	+0.83	G5	−0.002	+0.001	.		.	.		
2282	6 20 18	+ 3 50	−30 4	− 3	3.02	−0.20	B2.5V	+0.003	+0.002	−.003	+ 32V	.	.		R
2283	6 15 6	− 1 36	−71 42	− 2	6.63	+0.56	F8	−0.026	+0.056	.		.	.		
2284	6 21 25	+ 4 40	−11 47	− 3	5.46	−0.01	B1Vpe	−0.010	−0.005	.	+ 21	4.2	4.5	3	D
2285	6 28 14	+ 11 24	+70 32	− 3	5.94 R	.	A2	+0.004	+0.023	.	− 32	3.8	5.9		3
2286	6 22 58	+ 6 3	+22 31	− 3	2.97 R	.	M3III	+0.060	−0.114	+.021	+ 55	6.8	122.5	3	
2287	6 22 37	+ 5 37	+12 34	− 3	5.92 R	.	F0	−0.031	−0.040	.	+ 21	.	.		
2288	6 20 36	+ 3 37	−34 9	− 3	5.51	−0.20	B1.5V?	−0.001	+0.027	.	+ 73V	.	.		
2289	6 24 54	+ 7 42	+49 17	− 3	4.95VR	.	M0lab	+0.004	−0.007	+.003	+ 5V	.	.		
2290	6 20 6	+ 2 38	−48 44	− 3	6.60	+0.66	G0	+0.228	−0.271	+.034	+ 62	.	.		
2291	6 26 26	+ 8 27	+56 17	− 3	5.64	+0.24	A m	−0.019	+0.019	+.023	− 13V	.	.		*
2292	6 23 18	+ 5 16	+ 3 46	− 3	6.25 R	.	B3IV	+0.006	−0.013	.	+ 29V	.	.		*
2293	6 26 49	+ 8 44	+58 25	− 3	5.33 R	.	K4III	−0.001	−0.010	+.005	− 3	2.5	96.5	3	D
2294	6 22 42	+ 4 24	−17 57	− 3	1.98	−0.24	B1II	−0.004	−0.001	+.014	+ 34V	.	.		R
2295	6 23 22	+ 4 56	− 4 42	− 3	6.68	+0.06	B9	−0.013	−0.007	.		.	.		
2296	6 22 7	+ 3 39	−33 26	− 3	3.84	+0.87	gG4	−0.030	−0.056	+.013	− 3V	.	.		*
2297	6 24 53	+ 6 23	+29 43	− 3	6.47 R	−0.06	B9	−0.029	−0.011	.	+ 29	.	.		
2298	6 23 46	+ 5 18	+ 4 36	− 3	4.48 H	.	A5IV	−0.018	+0.008	+.024	+ 16V	2.7	13.9	3	D
2299	6 23 46	+ 5 18	+ 4 36	− 3	6.54 H	.	dF4	−0.021	−0.011	.	+ 16	2.7	13.9	3	D
2300	6 24 2	+ 5 28	+ 8 53	− 3	6.25	−0.08	A0	−0.004	−0.020	.	+ 9	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
2301		− 9 1444	44816	8244	.				6 18 52	− 9 49	218 40	−10 38
2302		+16 1135	44867	8270	.	4074			6 19 7	+16 7	195 39	+ 1 33
2303		−14 1428	44891	8257	.				6 19 14	−15 1	223 28	−12 50
2304		+23 1347	44927	8290	.	4084			6 19 28	+23 23	189 16	+ 5 4
2305		−11 1478	44951	8265	1485.	4072			6 19 30	−11 29	220 15	−11 14
2306		−19 1435	44953	8260	.		5023		6 19 28	−19 44	227 54	−14 47
2307		−31 3245	44956	8250	.				6 19 30	−31 44	239 28	−19 27
2308	BL ORI	+14 1283	44984	8294	.	4087		BL ORI	6 19 46	+14 47	196 54	+ 1 3
2309		−12 1470	44996	8273	.		5030		6 19 44	−12 55	221 35	−11 49
2310	T MON	+ 7 1273	44990	8291	1487.	4085		T MON	6 19 49	+ 7 8	203 38	− 2 34
2311		−25 3189	45018	8267	.	4073			6 19 52	−25 31	233 26	−17 2
2312		+ 1 1332	45050	8297	.	4089	F		6 20 8	+ 1 33	208 36	− 5 8
2313		− 0 1287	45067	8298	1488.	4090			6 20 9	− 0 52	210 45	− 6 15
2314		+47 1299	45105	8332	.				6 20 19	+47 28	167 21	+15 53
2315		+ 2 1227	45137	8312	.				6 20 34	+ 2 20	207 58	− 4 40
2316		−36 2873	45145	8284	.		I		6 20 33	−36 39	244 28	−20 58
2317		− 3 1425	45168	8316	.				6 20 49	− 3 50	213 29	− 7 29
2318		−28 2981	45184	8299	.				6 20 51	−28 43	236 37	−18 4
2319		+32 1300	45192	8342	.	4105			6 21 3	+32 38	181 9	+ 9 38
2320	ν PIC	−56 1072	45229	8274	.	4075			6 21 9	−56 19	265 11	−26 9
2321		− 7 1422	45239	8318	.				6 21 10	− 7 51	217 8	− 9 14
2322		−52 913	45291	8288	.				6 21 22	−52 8	260 39	−25 14
2323		−40 2440	45306	8311	.				6 21 30	−40 14	248 10	−21 57
2324		− 1 1242	45320	8335	.				6 21 36	− 1 27	211 27	− 6 12
2325		− 4 1510	45321	8334	.	4103			6 21 38	− 4 32	214 12	− 7 38
2326	α CAR	−52 914	45348	8302	1497.	4091			6 21 44	−52 38	261 12	−25 18
2327		+ 0 1421	45357	8344	.	4107			6 21 49	+ 0 54	209 23	− 5 4
2328		− 7 1429	45380	8343	.		5070		6 21 55	− 7 27	216 52	− 8 54
2329		−34 2864	45383	8322	.				6 21 56	−35 0	242 54	−20 8
2330	16 GEM	+20 1428	45394	8365	.	4117			6 22 0	+20 33	192 4	+ 4 15
2331	6 LYN	+58 932	45410	8416	1499.	4140			6 22 6	+58 14	156 58	+20 11
2332	48 RT AUR	+30 1238	45412	8371	1500.	4119		RT AUR	6 22 8	+30 33	183 9	+ 8 54
2333		+ 2 1237	45415	8357	.	4114			6 22 7	+ 2 58	207 35	− 4 2
2334		+ 0 1426	45416	8355	1501.	4112			6 22 6	+ 0 22	209 53	− 5 15
2335		− 0 1299	45433	8356	.	4113			6 22 9	− 0 13	210 25	− 5 31
2336		−58 692	45450	8306	.				6 22 17	−58 29	267 35	−26 25
2337		−63 561	45461	8295	.				6 22 23	−63 38	273 17	−27 14
2338	47 AUR	+46 1149	45466	8411	1502.	4136			6 22 35	+46 45	168 12	+15 57
2339		+27 1122	45504	8388	.	4126			6 22 41	+27 2	186 22	+ 7 24
2340		+16 1159	45506	8382	.	4124			6 22 43	+16 18	195 54	+ 2 24
2341		−52 919	45509	8321	.				6 22 36	−52 45	261 22	−25 11
2342		+10 1149	45512	8379	.	4123			6 22 47	+10 23	201 7	+ 0 23
2343	18 ν GEM	+20 1441	45542	8394	1505.	4131	5103		6 23 2	+20 17	192 25	+ 4 20
2344	10 MON	− 4 1526	45546	8378	.	4121			6 23 1	− 4 42	214 31	− 7 24
2345		−60 608	45557	8319	.				6 23 0	−60 13	269 31	−26 38
2346		+79 208	45560	8545	.	4229			6 23 6	+79 41	134 31	+26 8
2347		+ 2 1244	45563	8385	.				6 23 5	+ 1 58	208 35	− 4 17
2348		−48 2308	45572	8345	.		I		6 23 5	−48 7	256 27	−23 58
2349		−25 3237	45588	8368	1507.				6 23 10	−25 47	234 0	−16 28
2350		+82 177	45618	8605	.	4266			6 23 23	+82 12	131 45	+26 36

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
2301	6 23 36	+ 4 44	− 9 52	− 3	6.44 H	.	K5	+0.007	+0.018	.		.	.		
2302	6 24 53	+ 5 46	+16 4	− 3	6.24 R	.	G9III	+0.045	−0.050	.	+ 73V?	.	.		6
2303	6 23 45	+ 4 31	−15 4	− 3	6.40 H	.	K2	−0.014	−0.007	.		.	.		
2304	6 25 33	+ 6 5	+23 20	− 3	6.00 R	−0.03	A0V	−0.004	−0.026	.	− 32	.	.		
2305	6 24 10	+ 4 40	−11 32	− 3	5.21	+1.24	K3III	−0.056	−0.041	+.014	− 26	.	.		
2306	6 23 47	+ 4 19	−19 47	− 3	6.56 H	−0.15	B8	−0.016	+0.013	.003D		.3	.9		2
2307	6 23 14	+ 3 44	−31 47	− 3	6.44 H	.	G5	−0.061	+0.012	.		.	.		
2308	6 25 28	+ 5 42	+14 44	− 3	4.7 H	.	$C6_2$	−0.012	−0.006	.	+ 13	.	.		
2309	6 24 21	+ 4 37	−12 58	− 3	6.11	−0.10	B8	−0.013	−0.012	.		4.7	23.3		D
2310	6 25 13	+ 5 24	+ 7 5	− 3	5.60	+1.20	F7Iab	+0.018	+0.003	+.002	+ 32V	.	.		
2311	6 23 56	+ 4 4	−25 34	− 3	5.73 H	.	gK5	−0.009	−0.034	.	+ 34	.	.		
2312	6 25 19	+ 5 11	+ 1 30	− 3	6.41 R	.	A0	−0.018	−0.012	.	+ 7	.0	.1		2
2313	6 25 16	+ 5 7	− 0 56	− 4	5.86	+0.56	dF8	+0.223	−0.224	+.021	+ 45	.	.		
2314	6 27 51	+ 7 32	+47 25	− 3	6.32 R	−0.04	B9	−0.001	+0.015	.		.	.		
2315	6 25 47	+ 5 13	+ 2 17	− 3	6.50	−0.03	B9	+0.004	−0.002	.		.	.		
2316	6 24 1	+ 3 28	−36 42	− 3	5.61	+1.03	G5	−0.023	+0.053	.		3.6	13.2		7
2317	6 25 47	+ 4 58	− 3 53	− 3	6.36	+1.02	G5	−0.021	−0.005	.		.	.		
2318	6 24 44	+ 3 53	−28 47	− 4	6.24 H	.	G0	−0.162	−0.118	.		.	.		
2319	6 27 35	+ 6 32	+32 34	− 4	6.30 R	.	K0	+0.003	−0.062	.	+ 57	.	.		
2320	6 22 56	+ 1 47	−56 22	− 3	5.60	+0.24	A m	−0.040	−0.028	.	+ 7V?	.	.		
2321	6 25 59	+ 4 49	− 7 54	− 3	6.40	+0.14	A2	−0.006	+0.019	.		.	.		
2322	6 23 38	+ 2 16	−52 11	− 3	5.97	+1.03	G5	−0.033	−0.026	.		.	.		
2323	6 24 45	+ 3 15	−40 17	− 3	6.30	−0.05	B9	−0.010	−0.009	.		.	.		
2324	6 26 40	+ 5 4	− 1 31	− 4	5.73 H	.	A7III	−0.003	−0.035	.	+ 10V	.	.		
2325	6 26 35	+ 4 57	− 4 36	− 4	6.14	−0.14	B3	+0.006	−0.002	.	+ 10	.	.		
2326	6 23 57	+ 2 13	−52 41	− 3	−0.73	+0.16	F0Ib	+0.018	+0.017	+.018	+ 21	.	.		
2327	6 26 58	+ 5 9	+ 0 50	− 4	6.72	+0.04	A0	−0.021	−0.005	.	+ 10	.	.		
2328	6 26 45	+ 4 50	− 7 31	− 4	6.30 H	.	A0	+0.004	−0.001	.		2.3	21.0		4
2329	6 25 30	+ 3 34	−35 4	− 4	6.24	+1.36	K0	−0.011	−0.037	.		.	.		
2330	6 27 57	+ 5 57	+20 29	− 4	6.06 R	+0.01	A2V	−0.029	+0.004	.	+ 39	.	.		
2331	6 30 47	+ 8 41	+58 10	− 4	5.88	+0.94	K0IV	−0.019	−0.337	+.023	+ 36	.	.		
2332	6 28 34	+ 6 26	+30 29	− 4	5.4 H	.	G0	+0.005	−0.016	+.006	+ 22V	.	.		
2333	6 27 21	+ 5 14	+ 2 54	− 4	5.54	+1.04	gG9	−0.046	+0.007	.	+ 53	.	.		
2334	6 27 14	+ 5 8	+ 0 18	− 4	5.19	+1.18	K1II	+0.006	−0.008	+.001	+ 33	.	.		
2335	6 27 16	+ 5 7	− 0 17	− 4	5.82 H	.	gK5	−0.001	−0.008	.	+ 39	.	.		
2336	6 23 47	+ 1 30	−58 32	− 3	6.47	+0.12	A2	+0.004	+0.017	.		.	.		
2337	6 23 1	+ 0 38	−63 41	− 3	6.22 H	.	M1	−0.029	+0.008	.		.	.		
2338	6 30 3	+ 7 28	+46 41	− 4	5.87 R	.	gK4	−0.002	+0.004	+.015	− 47	.	.		
2339	6 28 57	+ 6 16	+26 58	− 4	6.42 R	.	F5	+0.121	−0.068	.	− 7	.	.		
2340	6 28 28	+ 5 45	+16 14	− 4	6.22 R	.	G5	−0.098	−0.053	.	+ 41	.	.		
2341	6 24 48	+ 2 12	−52 48	− 3	6.26 H	+1.70	K0	−0.015	−0.002	.		.	.		
2342	6 28 19	+ 5 32	+10 19	− 4	6.12 R	.	K0	+0.028	−0.041	.	− 20	.	.		
2343	6 28 58	+ 5 56	+20 13	− 4	4.15	−0.11	B7IVe	−0.003	−0.018	+.013	+ 39V	4.5	112.7	7	*
2344	6 27 57	+ 4 56	− 4 46	− 4	5.06	−0.18	B2V	−0.006	+0.006	.	+ 25	.	.		
2345	6 24 14	+ 1 14	−60 16	− 3	5.79	+0.00	A0	−0.047	+0.032	.		.	.		
2346	6 40 18	+ 17 12	+79 36	− 5	6.51 R	.	A0	+0.005	+0.016	.	− 7	.	.		
2347	6 28 17	+ 5 12	+ 1 54	− 4	6.27 R	−0.04	B9	−0.003	−0.028	.		.	.		
2348	6 25 44	+ 2 39	−48 11	− 4	5.75	−0.06	B9	−0.013	−0.035	.003D		2.3	1.9		2
2349	6 27 12	+ 4 2	−25 51	− 4	6.06	+0.54	dF9	−0.186	−0.222	+.039		.	.		
2350	6 44 30	+ 21 7	+82 7	− 5	4.09 R	.	A2	+0.007	−0.054	.	+ 6	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
2351		+11 1193	45638	8405	.	4132			6 23 27	+11 5	200 35	+ 0 6
2352	π^1 DOR	−69 607	45669	8310	.	4094			6 23 35	−69 56	280 22	−27 49
2353		−37 2837	45680	8377	.		I		6 23 44	−37 50	245 53	−20 46
2354		−63 568	45701	8333	.				6 23 45	−63 22	273 1	−27 2
2355		+ 2 1253	45724	8419	.	4141	B		6 24 1	+ 2 43	208 2	− 3 44
2356	β	− 6 1574	45725	8412	1508.	4137	5107A		6 23 58	− 6 58	216 39	− 8 13
2357	11 β MON	− 6 1575	45726	8413	.	4138	5107B		6 23 58	− 6 58	216 39	− 8 13
2358	β	− 6 1575	45727	8413	.	4139	5107C		6 23 58	− 6 58	216 39	− 8 13
2359		−17 1506	45765	8414	.				6 24 12	−17 24	226 12	−12 47
2360		−63 572	45796	8354	.	4111			6 24 19	−63 46	273 28	−27 2
2361	λ CMA	−32 3066	45813	8410	1510.	4135			6 24 28	−32 31	240 39	−18 46
2362		+ 9 1259	45827	8430	.	4149			6 24 37	+ 9 6	202 28	+ 0 35
2363		+78 227	45866	8574	1512.	4249			6 24 57	+78 5	136 17	+25 55
2364		−32 3072	45871	8421	.	4142	I		6 24 56	−32 18	240 28	−18 35
2365		+73 340	45947	8540	1514.	4227			6 25 18	+73 46	140 57	+25 1
2366		+17 1275	45951	8449	.	4157	5146		6 25 22	+17 1	195 34	+ 3 18
2367		− 9 1493	45976	8439	.				6 25 27	−10 1	219 35	− 9 16
2368		−40 2482	45983	8425	.				6 25 30	−41 1	249 13	−21 29
2369		−57 1001	45984	8408	.	4134			6 25 29	−57 56	267 5	−25 54
2370		+11 1204	45995	8452	.	4160	5153A		6 25 36	+11 19	200 37	+ 0 40
2371	19 GEM	+16 1178	46031	8462	.	4168			6 25 52	+15 58	196 33	+ 2 55
2372	WW AUR	+32 1324	46052	8474	.	4178		WW AUR	6 25 56	+32 32	181 43	+10 31
2373		−13 1519	46064	8450	.	4158	5148		6 25 59	−13 5	222 25	−10 31
2374		+11 1207	46075	8464	.				6 26 5	+11 52	200 12	+ 1 2
2375		+11 1209	46089	8468	1515.	4174			6 26 14	+11 37	200 26	+ 0 57
2376	7 LYN	+55 1093	46101	8508	.	4205			6 26 13	+55 26	159 58	+19 44
2377	π^2 DOR	−69 614	46116	8390	1517.	4128			6 26 20	−69 38	280 3	−27 33
2378		+11 1213	46178	8493	.	4193	5170		6 26 49	+11 45	200 23	+ 1 8
2379		−12 1518	46184	8470	1520.	4175	R1272		6 26 44	−12 19	221 48	−10 1
2380		−27 3051	46189	8463	.				6 26 49	−27 42	236 10	−16 28
2381		− 8 1462	46229	8485	.	4187			6 27 2	− 8 5	218 1	− 8 3
2382	12 MON	+ 4 1304	46241	8494	.	4194		VAR?	6 27 1	+ 4 56	206 25	− 2 2
2383		+33 1356	46251	8509	.	4208			6 27 9	+33 6	181 19	+11 0
2384		−50 2241	46273	8458	1523.	4164	IAB		6 27 22	−50 10	258 49	−23 50
2385	13 MON	+ 7 1337	46300	8506	1524.	4200			6 27 30	+ 7 24	204 18	+ 0 46
2386		− 5 1678	46304	8500	.		R1277		6 27 29	− 5 48	216 1	− 6 55
2387	4 ξ^1 CMA	−23 3991	46328	8496	.	4195	5176	ξ CMA	6 27 41	−23 21	232 7	−14 32
2388		−35 2947	46349	8486	.		I		6 27 39	−35 11	243 31	−19 6
2389		−56 1095	46355	8459	1525.	4165		VAR?	6 27 44	−56 47	265 54	−25 22
2390		−40 2512	46365	8483	.				6 27 47	−40 51	249 12	−21 1
2391		+14 1339	46374	8518	.	4214			6 27 55	+14 14	198 19	+ 2 32
2392		−11 1520	46407	8510	.				6 28 6	−11 6	220 51	− 9 11
2393		−36 2962	46431	8498	.				6 28 7	−36 52	245 14	−19 37
2394	8 LYN	+61 893	46480	8582	1526.	4255			6 28 33	+61 34	153 52	+22 2
2395		− 1 1274	46487	8527	.	4220			6 28 33	− 1 9	211 59	− 4 32
2396		+71 359	46509	8630	.	4276			6 28 43	+71 50	143 6	+24 49
2397		−31 3407	46547	8520	.	4215	I		6 28 54	−31 57	240 27	−17 41
2398	49 AUR	+28 1168	46553	8557	.	4237			6 28 54	+28 6	186 2	+ 9 7
2399		−37 2889	46568	8514	1527.	4212			6 28 56	−37 37	246 2	−19 43
2400		−51 1946	46569	8504	.	4198			6 28 58	−51 45	260 34	−24 0

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
2351	6 29 0	+ 5 33	+11 1	− 4	6.38 R	.	F0	−0.025	−0.012	.	+ 41	.	.		
2352	6 22 38	− 0 57	−69 59	− 3	5.55	+1.51	K5	+0.019	+0.025	.	+ 16V?	.	.		
2353	6 27 8	+ 3 24	−37 54	− 4	6.51 H	.	F0	−0.019	+0.040	.		6.3	20.		
2354	6 24 27	+ 0 42	−63 26	− 4	6.45	+0.66	G0	−0.011	−0.107	.		.	.		
2355	6 29 15	+ 5 14	+ 2 39	− 4	6.22 R	.	M1	+0.009	−0.040	.	+ 9	5.7	19.3		
2356	6 28 49	+ 4 51	− 7 2	− 4	4.60	−0.09	B3Ve	−0.018	+0.000	+.022	+ 22V	.5	7.4	4	D
2357	6 28 49	+ 4 51	− 7 2	− 4	5.22 H	.	B3ne	−0.018	+0.005	.	+ 18	.5	7.4	4	D
2358	6 28 49	+ 4 51	− 7 2	− 4	5.60 H	.	B3e	−0.018	+0.005	.	+ 23	1.0	10.1	4	D
2359	6 28 38	+ 4 26	−17 28	− 4	5.76	+1.12	G5	−0.004	+0.004	.		.	.		
2360	6 24 56	+ 0 37	−63 50	− 4	6.25	−0.14	B5	−0.019	+0.021	.	− 1	.	.		
2361	6 28 10	+ 3 42	−32 35	− 4	4.47	−0.18	B5	−0.024	+0.023	+.007	+ 41	.	.		
2362	6 30 5	+ 5 28	+ 9 2	− 4	6.43 R	.	A0si	−0.016	−0.028	.	+ 14V?	.	.		
2363	6 40 29	+ 15 32	+78 0	− 5	5.80 R	.	gK5	+0.017	−0.001	+.014	− 14	.	.		
2364	6 28 39	+ 3 43	−32 22	− 4	5.80 H	.	B3	−0.009	+0.016	.006D	+ 23	1.6	1.5		2
2365	6 37 55	+ 12 37	+73 41	− 5	6.16 R	.	F2	−0.145	−0.026	+.035	+ 6	.			
2366	6 31 10	+ 5 48	+16 57	− 4	6.06 R	.	K2III	+0.004	−0.053	.	+ 27	3.1	8.2	3	D
2367	6 30 11	+ 4 44	−10 5	− 4	5.92	+1.38	K0	−0.018	−0.008	.		.	.		
2368	6 28 42	+ 3 12	−41 5	− 4	6.31	+0.41	F2	+0.021	+0.026	.		.	.		
2369	6 27 4	+ 1 35	−58 0	− 4	5.81	+1.28	K0	−0.021	−0.019	.	+ 13	.	.		
2370	6 31 10	+ 5 34	+11 15	− 4	6.14	−0.07	B2V?nne	−0.003	−0.018	.009D	− 20V	2.2	16.4		D
2371	6 31 37	+ 5 45	+15 54	− 4	6.35 R	.	A5	−0.012	−0.019	.	+ 21	.	.		
2372	6 32 28	+ 6 32	+32 28	− 4	5.6 H	.	A m	−0.022	−0.021	.	− 9V	.	.		R
2373	6 30 35	+ 4 36	−13 9	− 4	6.15	−0.16	B2	−0.025	+0.001	.	+ 2	5.0	36.6		7
2374	6 31 40	+ 5 35	+11 48	− 4	6.42 R	−0.14	B6V	−0.028	−0.014	.		.	.		
2375	6 31 49	+ 5 35	+11 33	− 4	5.11 R	+0.14	A4V	+0.015	+0.030	+.011	− 3V?	.	.		
2376	6 34 32	+ 8 19	+55 22	− 4	6.38 R	.	K0	+0.004	+0.001	.	− 20	.	.		
2377	6 25 29	− 0 51	−69 41	− 3	5.38	+0.96	gG5	−0.017	+0.198	+.002	+ 9	.	.		G
2378	6 32 24	+ 5 35	+11 41	− 4	6.02 R	.	K0III	+0.012	−0.033	.	− 21	3.6	33.3		1
2379	6 31 23	+ 4 39	−12 23	− 4	5.33 H	..	K3III	+0.040	−0.016	+.016	+ 17	8.7	14.9		
2380	6 30 47	+ 3 58	−27 46	− 4	5.93	−0.16	B4IV	+0.001	−0.007	.		.	.		
2381	6 31 50	+ 4 48	− 8 9	− 4	5.42	+1.38	gK2	−0.013	−0.008	.	+ 3	.	.		
2382	6 32 19	+ 5 18	+ 4 52	− 4	5.84	+0.79	K0III	−0.037	−0.007	.	+ 21	.	.		G
2383	6 33 43	+ 6 34	+33 2	− 4	6.36 R	+0.03	A2V	+0.015	+0.006	.	− 9	.	.		
2384	6 29 50	+ 2 28	−50 14	− 4	5.32 H	.	F2	−0.061	−0.061	+.020	+ 2V	.1	.5	4	*
2385	6 32 54	+ 5 24	+ 7 20	− 4	4.48	+0.02	A0Ib	+0.001	−0.008	+.003	+ 12	.	.		G
2386	6 32 23	+ 4 54	− 5 52	− 4	5.60	+0.25	A m?	+0.000	−0.042	.		7.9	4.3		2
2387	6 31 51	+ 4 10	−23 25	− 4	4.33	−0.25	B0.5IV	−0.004	+0.010	.	+ 27V	9.1	28.9	3	
2388	6 31 13	+ 3 34	−35 15	− 4	5.76 H	.	G0+A3	−0.017	−0.002	.		.	.		
2389	6 29 28	+ 1 44	−56 51	− 4	5.21	+1.09	gG9	−0.044	+0.018	+.003	+ 13	.	.		
2390	6 30 59	+ 3 12	−40 55	− 4	6.19	+1.40	K2	−0.025	−0.002	.		.	.		
2391	6 33 36	+ 5 41	+14 9	− 5	5.42 R	.	gK2	−0.017	−0.089	.	− 12	.	.		
2392	6 32 47	+ 4 41	−11 10	− 4	6.38 H	.	K0p	−0.009	+0.000	.		.	.		S
2393	6 31 35	+ 3 28	−36 56	− 4	6.31 H	.	M1	−0.008	+0.053	.		.	.		
2394	6 37 41	+ 9 8	+61 29	− 5	5.91 R	+0.90	sgG7	−0.199	−0.279	+.026	− 46	.	.		
2395	6 33 38	+ 5 5	− 1 14	− 5	5.09	−0.15	B6V	−0.007	−0.019	.	+ 25V	.	.		
2396	6 40 32	+ 11 49	+71 45	− 5	5.91 R	.	K0III	+0.020	+0.005	.	− 23	.	.		
2397	6 32 39	+ 3 45	−32 1	− 4	5.68	−0.20	B3	−0.005	−0.003	.	+ 20V	2.3	24.9		D
2398	6 35 12	+ 6 18	+28 1	− 5	5.09 R	−0.03	B9.5V	+0.007	−0.019	.	+ 17	.	.		
2399	6 32 22	+ 3 26	−37 42	− 5	5.31 H	.	gG8	+0.058	−0.079	+.010	+ 39	.	.		
2400	6 31 18	+ 2 20	−51 49	− 4	5.59	+0.54	dF8	+0.095	+0.091	.	+ 16	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
2401		+79 212	46588	8711	1530.	4324			6 29 10	+79 40	134 35	+26 24
2402	11 LYN	+56 136	46590	8591	.	4260			6 29 8	+56 56	158 37	+20 38
2403		−20 1437	46602	8533	.				6 29 10	−20 51	229 55	−13 11
2404	14 MON	+ 7 1357	46642	8558	.	4238	5211		6 29 21	+ 7 39	204 18	+ 0 14
2405	UU AUR	+38 1539	46687	8581	1533.	4254		UU AUR	6 29 40	+38 32	176 30	+13 47
2406		+10 1186	46709	8567	.	4244			6 29 47	+10 4	202 13	+ 0 59
2407		−38 2730	46727	8535	.				6 29 49	−38 33	247 2	−19 53
2408		−65 610	46730	8499	.				6 29 47	−65 30	275 29	−26 42
2409		+ 0 1491	46769	8571	.	4247			6 30 6	+ 0 58	210 18	− 3 12
2410		−61 669	46792	8515	.	4213			6 30 11	−61 48	271 25	−26 3
2411		−36 2990	46815	8559	1536.	4239			6 30 19	−36 9	244 41	−18 57
2412	μ PIC	−58 722	46860	8530	.		I		6 30 29	−58 41	268 2	−25 24
2413		+ 4 1335	46885	8590	.				6 30 42	+ 4 35	207 10	− 1 23
2414	5 ξ^2 CMA	−22 1458	46933	8577	1537.	4250			6 30 52	−22 53	231 59	−13 41
2415		−32 3168	46936	8573	.	4248			6 30 53	−32 38	241 17	−17 33
2416		−52 947	47001	8566	.				6 31 11	−52 15	261 11	−23 48
2417		+24 1328	47020	8619	.	4274			6 31 19	+24 40	189 23	+ 8 3
2418		− 5 1710	47054	8609	.	4269			6 31 40	− 5 8	215 54	− 5 41
2419	51 AUR	+39 1690	47070	8648	.	4286			6 31 44	+39 29	175 47	+14 32
2420	52 ψ^3 AUR	+40 1665	47100	8655	.	4291			6 31 51	+39 59	175 19	+14 45
2421	24 γ GEM	+16 1223	47105	8633	1539.	4280			6 31 56	+16 29	196 46	+ 4 26
2422		+ 6 1309	47129	8631	.	4277		VAR?	6 32 2	+ 6 13	205 52	+ 0 19
2423	6 ν^1 CMA	−18 1480	47138	8614	.	4271	5253A		6 32 0	−18 35	228 7	−11 37
2424		−36 3009	47144	8597	.	4262	I		6 31 56	−36 42	245 21	−18 50
2425	53 AUR	+29 1293	47152	8649	.	4288			6 32 3	+29 4	185 28	+10 10
2426		+10 1201	47156	8636	.	4282			6 32 5	+10 56	215 19	+28 19
2427	50 ψ^2 AUR	+42 1585	47174	8662	1542.	4297			6 32 11	+42 35	172 53	+15 51
2428		−13 1570	47182	8623	.				6 32 10	−13 14	223 14	− 9 14
2429	7 ν^2 CMA	−19 1502	47205	8624	1543.	4275		VAR?	6 32 19	−19 10	228 41	−11 48
2430		+ 2 1315	47220	8642	.	4284			6 32 27	+ 2 47	208 57	− 1 50
2431		−35 3005	47230	8611	.		I		6 32 24	−36 0	244 42	−18 30
2432		+ 5 1334	47240	8651	.	4289			6 32 34	+ 5 3	206 58	+ 0 45
2433		−22 1472	47247	8626	.		5260		6 32 29	−22 32	231 49	−13 12
2434		+44 1506	47270	8678	.	4310			6 32 43	+44 6	171 28	+16 32
2435		−52 953	47306	8604	.	4265			6 32 46	−52 54	261 56	−23 44
2436		+22 1416	47358	8672	.	4305			6 33 4	+22 7	191 52	+ 7 16
2437		−12 1566	47366	8656	.				6 33 4	−12 54	223 2	− 8 54
2438	54 AUR	+28 1196	47395	8681	.	4311	5289		6 33 15	+28 21	186 14	+10 5
2439		+24 1343	47415	8682	.	4314			6 33 24	+24 41	189 35	+ 8 29
2440		− 2 1691	47420	8664	.				6 33 19	− 2 27	213 42	− 4 5
2441		+ 4 1365	47431	8673	.				6 33 32	+ 4 47	207 19	+ 0 40
2442		+ 1 1443	47432	8671	.	4304			6 33 27	+ 1 42	210 2	− 2 7
2443	8 ν^3 CMA	−18 1492	47442	8660	1549.	4295			6 33 30	−18 9	227 52	−11 7
2444		−38 2782	47463	8654	.		I		6 33 38	−38 4	246 50	−19 1
2445		−41 2488	47475	8653	.				6 33 41	−41 28	250 13	−20 10
2446		−36 3031	47500	8658	.	4293	R1320		6 33 46	−36 54	245 41	−18 34
2447		−32 3216	47536	8667	1551.	4302			6 34 3	−32 15	241 11	−16 47
2448		−16 1554	47561	8679	.				6 34 8	−16 47	226 41	−10 23
2449		+13 1356	47575	8693	.	4318	5302		6 34 10	+13 5	200 2	+ 3 21
2450		−14 1525	47667	8694	1555.	4319			6 34 42	−14 3	224 15	− 9 3

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
2401	6 46 14	+ 17 4	+79 34	− 6	5.47	+0.50	dF6	−0.084	−0.610	+.046	+ 13	.	.		
2402	6 37 38	+ 8 30	+56 51	− 5	5.77 R	.	A0	+0.002	+0.009	.	+ 0	.	.		
2403	6 33 27	+ 4 17	−20 56	− 5	6.44 H	.	G5	−0.028	−0.028	.		.	.		
2404	6 34 46	+ 5 25	+ 7 34	− 5	6.44	−0.02	A0	−0.010	−0.006	.	+ 38	4.2	10.6		4
2405	6 36 33	+ 6 53	+38 27	− 5	5.1 H	.	C5$_3$	+0.008	−0.030	+.002	+ 12	.	.		
2406	6 35 18	+ 5 31	+ 9 59	− 5	5.90 R	.	gK5	−0.013	+0.001	.	+ 39	.	.		
2407	6 33 11	+ 3 22	−38 38	− 5	6.38 H	.	K0	−0.001	−0.024	.		.	.		
2408	6 30 3	+ 0 16	−65 34	− 4	6.28	+0.34	F2	+0.002	+0.052	.		.	.		
2409	6 35 15	+ 5 9	+ 0 53	− 5	5.68 R	.	B8Ib	−0.001	−0.006	.	+ 10	.	.		
2410	6 31 11	+ 1 0	−61 52	− 4	6.14	−0.16	B3	−0.018	+0.004	.	+ 34V	.	.		6
2411	6 33 49	+ 3 30	−36 14	− 5	5.41	+1.44	gM0	−0.022	+0.092	+.023	+ 32	.	.		
2412	6 31 58	+ 1 29	−58 46	− 5	5.78 H	.	B9	−0.001	−0.016	.		3.5	2.7		
2413	6 36 0	+ 5 18	+ 4 30	− 5	6.54	−0.06	B8V	−0.021	−0.005	.		.	.		
2414	6 35 3	+ 4 11	−22 58	− 5	4.54	−0.03	A0V	+0.010	+0.013	+.017	+ 32V	.	.		
2415	6 34 35	+ 3 42	−32 43	− 5	5.61	−0.09	B8V	−0.005	+0.008		+ 42V	.	.		
2416	6 33 27	+ 2 16	−52 20	− 5	6.18	+1.10	G5	−0.053	+0.036	.		.	.		
2417	6 37 27	+ 6 8	+24 35	− 5	6.38 R	+0.10	A3V	−0.012	+0.006	.	− 2	.	.		
2418	6 36 35	+ 4 55	− 5 13	− 5	5.51	−0.09	B8	+0.000	−0.014	.	+ 27	.	.		
2419	6 38 40	+ 6 56	+39 24	− 5	5.54 R	.	gK5	−0.021	−0.114	.	+ 33	.	.		G
2420	6 38 49	+ 6 58	+39 54	− 5	5.26 R	−0.07	B8III	−0.006	−0.016	.	+ 9	.	.		
2421	6 37 43	+ 5 47	+16 24	− 5	1.93	+0.00	A0IV	+0.048	−0.046	+.031	− 13V	.	.		
2422	6 37 24	+ 5 22	+ 6 8	− 5	6.04	+0.04	O8	+0.006	−0.003	.	+ 25V	.	.		*
2423	6 36 23	+ 4 23	−18 40	− 5	5.81 H	.	G8III	−0.010	+0.016	.	+ 25	1.5	18.1		D
2424	6 35 25	+ 3 29	−36 47	− 5	5.60 H	.	B9si	−0.018	+0.016	.011D	+ 20	.7	1.3	3	D
2425	6 38 23	+ 6 20	+28 59	− 5	5.51 R	−0.01	A p	−0.017	−0.023	.	+ 14	.	.		
2426	6 37 32	+ 5 27	+10 51	− 5	6.46 R	.	K0	−0.038	−0.041	.	+ 2	.	.		
2427	6 39 20	+ 7 9	+42 30	− 5	4.80	+1.22	K3II-III	+0.010	−0.061	+.003	+ 17	.	.		
2428	6 36 46	+ 4 36	−13 19	− 5	5.96	+1.56	K5	+0.009	−0.024	.		.	.		
2429	6 36 41	+ 4 22	−19 15	− 5	3.95	+1.06	K1IV	+0.064	−0.076	+.052	+ 3	.	.		
2430	6 37 40	+ 5 13	+ 2 42	− 5	6.29 R	.	K1III	−0.031	−0.048	.	− 8	.	.		
2431	6 35 55	+ 3 31	−36 5	− 5	6.34	+0.49	G0V	−0.064	−0.098	.028D	+ 28	.5	.4		D
2432	6 37 53	+ 5 19	+ 4 58	− 5	6.15	+0.14	B1Ib	−0.004	+0.018	.	+ 36V	.	.		G
2433	6 36 41	+ 4 12	−22 37	− 5	6.34	−0.14	B8	−0.030	−0.008	.012D		2.9	9.5		2
2434	6 39 58	+ 7 15	+44 1	− 5	6.37 R	.	K1III	+0.037	−0.006	.	− 30V	.	.		
2435	6 34 58	+ 2 12	−52 59	− 5	4.38	−0.02	B9III	−0.018	+0.006	.	+ 23	.	.		
2436	6 39 5	+ 6 1	+22 2	− 5	6.15 R	.	G9III	+0.008	−0.029	.	− 9	.	.		
2437	6 37 41	+ 4 37	−12 59	− 5	6.11	+1.00	K0	+0.028	−0.124	.		.	.		
2438	6 39 33	+ 6 18	+28 16	− 5	5.86 R	−0.09	B6III	−0.003	−0.016	.002D	+ 19V	1.8	.9		2
2439	6 39 32	+ 6 8	+24 36	− 5	6.42 R	.	F5	+0.010	+0.082	.	+ 18	.	.		6
2440	6 38 20	+ 5 1	− 2 32	− 5	6.15	+1.48	K2	−0.019	+0.016	.		.	.		
2441	6 38 50	+ 5 18	+ 4 42	− 5	6.58	−0.07	B6V	+0.012	−0.008	.		.	.		
2442	6 38 38	+ 5 11	+ 1 37	− 5	6.14 R	.	O9.5II	−0.007	−0.005	.	+ 58	.	.		
2443	6 37 54	+ 4 24	−18 14	− 5	4.43	+1.15	K1II-III	−0.009	−0.007	+.007	− 2	.	.		G
2444	6 37 2	+ 3 24	−38 9	− 5	5.96 H	.	G5	−0.001	+0.038	.		5.7	18.		
2445	6 36 51	+ 3 10	−41 33	− 5	6.25 H	.	K0	+0.000	+0.006	.		.	.		
2446	6 37 14	+ 3 28	−36 59	− 5	5.72 H	.	B9	−0.022	+0.015	.	+ 29	.4	.6		2
2447	6 37 48	+ 3 45	−32 20	− 5	5.27	+1.18	gK0	+0.100	+0.067	+.012	+ 79	.	.		
2448	6 38 35	+ 4 27	−16 52	− 5	5.93 H	.	A0	−0.007	−0.023	.		.	.		
2449	6 39 48	+ 5 38	+13 0	− 5	5.85 R	+0.06	A3V	−0.034	−0.005	.	− 16	6.0	3.2		
2450	6 39 16	+ 4 34	−14 8	− 5	4.83	+1.50	K3III	+0.004	−0.002	−.008	+ 29	.	.		

BS = HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
2451	ν PUP	−43 2576	47670	8675	.	4307			6 34 42	−43 6	251 56	−20 32
2452		+36 1482	47703	8724	.	4337			6 34 55	+36 2	179 18	+13 41
2453	25 GEM	+28 1207	47731	8719	.	4333			6 35 3	+28 17	186 29	+10 25
2454		+ 6 1338	47756	8713	.				6 35 10	+ 6 28	206 1	+ 0 29
2455		−23 4172	47827	8708	.		F		6 35 27	−23 36	233 6	−13 1
2456	15 MON	+10 1220	47839	8720	1560.	4334	5322	S MON	6 35 28	+ 9 59	202 56	+ 2 11
2457		+16 1242	47863	8729	.	4342			6 35 36	+16 30	197 10	+ 5 14
2458		+11 1273	47886	8731	.	4343			6 35 44	+11 6	201 59	+ 2 46
2459	55 ψ^4 AUR	+44 1518	47914	8751	1561.	4353			6 35 48	+44 37	171 11	+17 15
2460		−30 3386	47946	8712	1561.1				6 35 53	−30 22	239 32	−15 41
2461		+ 0 1546	47964	8732	.				6 35 57	+ 0 35	211 19	− 2 5
2462		−48 2417	47973	8704	1562.	4320	IA		6 35 58	−48 8	257 8	−21 55
2463		+53 1056	47979	8769	.	4362			6 36 7	+53 24	162 31	+20 24
2464		+37 1567	48073	8766	.	4358			6 36 26	+37 15	178 17	+14 28
2465		−38 2817	48087	8722	.				6 36 32	−38 4	247 3	−18 29
2466	26 GEM	+17 1357	48097	8755	.	4354			6 36 35	+17 45	196 9	+ 6 1
2467		+ 6 1351	48099	8747	.	4352			6 36 38	+ 6 27	206 12	+ 0 48
2468		−61 688	48189	8707	.		I		6 36 56	−61 27	271 13	−25 12
2469		− 9 1601	48217	8756	1565.	4355			6 37 10	− 9 4	220 2	− 6 16
2470	12 LYN	+59 1015	48250	8805	.	4381	5400AB		6 37 24	+59 33	156 18	+22 28
2471		+36 1494	48272	8785	.	4371			6 37 29	+36 12	179 21	+14 14
2472					.							
2473	27 ϵ GEM	+25 1406	48329	8786	1567.	4372	5381	VAR?	6 37 47	+25 14	189 32	+ 9 37
2474		+ 3 1371	48348	8775	.	4367			6 37 52	+ 3 8	209 17	+ 0 29
2475		−40 2625	48383	8759	.		I		6 37 59	−40 15	249 18	−18 59
2476		−47 2521	48403	8753	.				6 38 7	−47 34	256 40	−21 24
2477	13 LYN	+57 1004	48432	8826	.	4390			6 38 18	+57 16	158 41	+21 55
2478	30 GEM	+13 1390	48433	8793	1569.	4376	5387		6 38 21	+13 20	200 17	+ 4 22
2479		+ 4 1414	48434	8790	.	4374			6 38 22	+ 4 2	208 32	+ 0 3
2480	28 GEM	+29 1327	48450	8799	.	4379		VAR?	6 38 25	+29 4	186 5	+11 25
2481		−22 1505	48501	8779	.		5377A		6 38 33	−22 21	232 15	−11 51
2482		−38 2844	48543	8777	.		IA		6 38 53	−38 18	247 27	−18 8
2483	56 ψ^5 AUR	+43 1595	48682	8836	1571.	4394	5425		6 39 32	+43 41	172 21	+17 31
2484	31 ξ GEM	+13 1396	48737	8823	1573.	4389		VAR?	6 39 41	+13 0	200 44	+ 4 30
2485		+55 1122	48767	8864	.	4409	5436B	VAR?	6 39 52	+55 49	160 15	+21 41
2486		+55 1122	48766	8862	1574.	4408	5436A	VAR?	6 39 52	+55 49	160 15	+21 41
2487	57 ψ^6 AUR	+48 1436	48781	8858	.	4405			6 40 2	+48 54	167 15	+19 28
2488		−39 2798	48797	8802	.				6 40 3	−39 6	248 19	−18 13
2489	32 GEM	+12 1275	48843	8834	.	4393		VAR?	6 40 17	+12 48	200 59	+ 4 32
2490	42 CAM	+67 454	48879	8902	1575.	4429			6 40 32	+67 41	147 48	+24 53
2491	9 α CMA	−16 1591	48915	8833	1577.	4392	5423		6 40 45	−16 35	227 13	− 8 52
2492	10 CMA	−30 3484	48917	8827	.	4391	I		6 40 40	−30 58	240 31	−14 59
2493		−27 3248	48938	8831	1580.				6 40 52	−27 15	237 2	−13 26
2494	16 MON	+ 8 1486	48977	8856	.	4403			6 41 5	+ 8 42	204 43	+ 2 49
2495		−23 4325	49001	8843	.				6 41 13	−23 22	233 28	−11 44
2496					.							
2497		−30 3495	49028	8835	.		I		6 41 13	−30 29	240 7	−14 41
2498		−14 1573	49048	8852	1584.	4401			6 41 27	−14 41	225 34	− 7 52
2499		+18 1349	49059	8877	1585.	4415	5447		6 41 33	+18 18	196 12	+ 7 19
2500		−31 3640	49095	8846	1586.	4397			6 41 38	−31 41	241 17	−15 5

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
2451	6 37 46	+ 3 4	−43 11	− 5	3.17	−0.11	B8III	−0.004	−0.009	.	+ 28V	.	.		
2452	6 41 38	+ 6 43	+35 56	− 6	6.21 R	.	F5	−0.039	−0.025	.	+ 86	.	.		
2453	6 41 21	+ 6 18	+28 11	− 6	6.39 R	.	G5Ib	+0.012	−0.011	.	− 6	.	.		
2454	6 40 32	+ 5 22	+ 6 23	− 5	6.52	−0.15	B5V	−0.028	+0.010	.		.	.		
2455	6 39 37	+ 4 10	−23 41	− 5	6.04	−0.03	A0	+0.012	−0.005	.		.4	.1		
2456	6 40 58	+ 5 30	+ 9 53	− 6	4.65	−0.25	O7	+0.003	−0.005	−.011	+ 33	2.8	3.0	5	*
2457	6 41 22	+ 5 46	+16 24	− 6	6.12 R	.	A0V	−0.019	−0.012	.	+ 17	.	.		
2458	6 41 17	+ 5 33	+11 0	− 6	6.26 R	.	M1	−0.001	+0.007	.	+ 16	.	.		
2459	6 43 5	+ 7 17	+44 31	− 6	5.02	+1.48	K5III	−0.041	−0.032	+.018	− 73	.	.		
2460	6 39 43	+ 3 50	−30 28	− 6	5.70	+1.14	K0	−0.009	−0.184	+.013		.	.		
2461	6 41 5	+ 5 8	+ 0 29	− 6	5.78	−0.10	B8III	−0.016	−0.003	.		.	.		
2462	6 38 38	+ 2 40	−48 13	− 5	4.92	+0.87	gG6	−0.002	+0.008	+.007	+ 28	2.3	13.4		D
2463	6 44 12	+ 8 5	+53 18	− 6	6.23 R	.	K0	+0.055	−0.181	.	+ 19	.	.		
2464	6 43 14	+ 6 48	+37 9	− 6	6.11 R	.	K0	+0.039	−0.045	.	− 41	.	.		
2465	6 39 56	+ 3 24	−38 10	− 6	6.54 H	.	K0	+0.048	−0.029	.		.	.		
2466	6 42 24	+ 5 49	+17 39	− 6	5.10 R	+0.06	A2V	+0.009	−0.091	.	+ 14V	.	.		6
2467	6 42 0	+ 5 22	+ 6 21	− 6	6.36	−0.05	O6	+0.010	−0.008	.	+ 31V	.	.		
2468	6 38 0	+ 1 4	−61 32	− 5	6.17	+0.62	G0	−0.016	+0.080	.		2.1	2.9		3
2469	6 41 56	+ 4 46	− 9 10	− 6	5.18	+1.54	gM0	+0.041	−0.040	+.024	+ 1	.	.		
2470	6 46 14	+ 8 50	+59 27	− 6	4.88 R	.	A2n	−0.021	−0.004	.017D	− 4V	.9	1.9	4	D
2471	6 44 13	+ 6 44	+36 6	− 6	6.26 R	+0.06	A2V	+0.017	+0.010	.	− 10	.	.		
2472					.	.		.	.	.		.	.		
2473	6 43 56	+ 6 9	+25 8	− 6	3.08 R	.	G8Ib	+0.000	−0.016	+.009	+ 10	6.0	111.6		D
2474	6 43 6	+ 5 14	+ 3 2	− 6	6.18	+1.37	K0	−0.001	−0.021	.	+ 31	.	.		
2475	6 41 15	+ 3 16	−40 21	− 6	6.11	−0.14	B3Vnnk	−0.022	+0.013	.	+ 17	3.7	17.3		7
2476	6 40 50	+ 2 43	−47 40	− 6	6.47 H	.	M1	−0.018	−0.013	.		.	.		
2477	6 46 49	+ 8 31	+57 10	− 6	5.38 R	.	K0III-IV	+0.023	−0.041	.	+ 19	.	.		
2478	6 43 59	+ 5 38	+13 14	− 6	4.46 R	.	K1III	−0.001	−0.062	+.004	+ 14	6.5	32.0		1
2479	6 43 39	+ 5 17	+ 3 56	− 6	5.74 R	.	B0III	+0.006	−0.006	.	+ 35	.	.		
2480	6 44 45	+ 6 20	+28 58	− 6	5.48 R	.	gK4	−0.005	−0.028	.	+ 16	.	.		
2481	6 42 46	+ 4 13	−22 27	− 6	6.20 H	.	F0	−0.085	+0.076	.		1.7	18.6		3
2482	6 42 16	+ 3 23	−38 24	− 6	6.31 H	.	A3	−0.022	+0.003	.003D		1.3	8.4		2
2483	6 46 44	+ 7 12	+43 35	− 6	5.22	+0.57	G0V	+0.002	+0.160	+.068	− 24	3.0	55.4		D
2484	6 45 18	+ 5 37	+12 54	− 6	3.37	+0.45	F5IV	−0.111	−0.195	+.051	+ 25	.	.		
2485	6 48 13	+ 8 21	+55 42	− 7	6.33 H	.	dF6	+0.060	−0.104	.	+ 4V	.0	5.1	3	*
2486	6 48 13	+ 8 21	+55 42	− 7	6.28 H	.	dF5	+0.061	−0.104	+.031	+ 9	.0	5.1	3	D
2487	6 47 39	+ 7 37	+48 48	− 6	5.15 R	.	K1III	−0.001	+0.003	.	− 8	.	.		
2488	6 43 23	+ 3 20	−39 12	− 6	6.30 H	.	A3	−0.010	−0.011	.		.	.		
2489	6 45 54	+ 5 37	+12 42	− 6	6.39 R	.	F0	+0.001	−0.002	.	+ 9	.	.		
2490	6 50 58	+ 10 26	+67 34	− 7	5.02 R	.	B3IV	+0.006	+0.003	+.010	+ 5	.	.		
2491	6 45 9	+ 4 24	−16 43	− 8	−1.47	+0.01	A1V	−0.537	−1.210	+.375	− 8V	10.1	11.9	3	*
2492	6 44 28	+ 3 48	−31 4	− 6	5.16 H	.	B3p	−0.019	+0.006	.	+ 34	5.5	36.3		
2493	6 44 51	+ 3 59	−27 21	− 6	6.44	+0.54	F8	−0.015	+0.305	+.056		.	.		
2494	6 46 32	+ 5 27	+ 8 36	− 6	5.94	−0.18	B3V	−0.006	−0.011	.	+ 10V	.	.		
2495	6 45 23	+ 4 10	−23 28	− 6	6.23 H	.	K0	−0.037	+0.040	.		.	.		
2496					.	.		.	.	.		.	.		
2497	6 45 3	+ 3 50	−30 35	− 6	6.47 H	.	B8IV	−0.030	+0.015	.	+ 18	4.0	5.4		
2498	6 46 0	+ 4 33	−14 47	− 6	5.30 H	.	A2	−0.028	−0.018	+.017	− 19	.	.		
2499	6 47 24	+ 5 51	+18 11	− 7	6.14 R	+0.07	A2V	+0.007	−0.047	+.008	+ 16	.5	.7		2
2500	6 45 22	+ 3 44	−31 48	− 7	5.91	+0.48	dF6	−0.222	−0.323	+.045	+ 32	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
2501		−30 3505	49131	8850	.	4399	I		6 41 42	−30 51	240 30	−14 44
2502		− 9 1644	49147	8873	.	4412			6 41 55	−10 0	221 25	− 5 39
2503	17 MON	+ 8 1496	49161	8880	1588.	4417			6 41 54	+ 8 9	205 18	+ 2 45
2504	11 CMA	−14 1584	49229	8879	.	4416			6 42 17	−14 19	225 20	− 7 32
2505		−71 476	49268	8803	.		I		6 42 28	−71 40	282 30	−26 28
2506	18 MON	+ 2 1397	49293	8892	1589.	4424			6 42 39	+ 2 31	210 23	+ 0 18
2507		−39 2831	49319	8875	.				6 42 44	−39 26	248 51	−17 51
2508		− 8 1558	49331	8891	1590.	4423			6 42 51	− 8 53	220 31	− 4 56
2509	12 CMA	−20 1576	49333	8884	.				6 42 45	−20 54	231 21	−10 21
2510		−37 3065	49336	8878	.				6 42 46	−37 40	247 8	−17 11
2511	43 CAM	+69 394	49340	8957	1591.	4456			6 42 55	+69 0	146 26	+25 22
2512		+32 1414	49380	8915	.	4435		VAR?	6 43 10	+32 43	183 8	+13 52
2513		−52 996	49396	8872	.				6 43 8	−52 6	261 35	−22 0
2514		− 1 1386	49434	8903	.				6 43 15	− 1 12	213 44	− 1 18
2515		−52 998	49517	8882	.	4418			6 43 36	−52 18	261 48	−20 0
2516	58 ψ^7 AUR	+41 1536	49520	8931	1593.	4443			6 43 42	+41 54	174 23	+17 34
2517		+ 1 1531	49567	8916	.	4436			6 43 54	+ 1 6	211 47	+ 0 5
2518		−37 3080	49591	8899	.	4426	I		6 43 56	−37 49	247 22	−17 2
2519	33 GEM	+16 1298	49606	8927	.	4440			6 44 4	+16 19	198 15	+ 6 57
2520	14 LYN	+59 1028	49618	8968	1594.	4461	5514		6 44 16	+59 34	156 32	+23 19
2521		− 2 1776	49643	8923	.		F		6 44 14	− 2 10	214 43	− 1 32
2522		−14 1599	49662	8922	.	4437	5487		6 44 26	−15 2	226 13	− 7 23
2523		−51 2078	49689	8901	1596.	4427			6 44 29	−51 9	260 40	−21 31
2524		−54 1115	49705	8900	.		I		6 44 40	−54 35	264 13	−22 30
2525	35 GEM	+13 1434	49738	8938	.	4446			6 44 47	+13 32	200 50	+ 5 51
2526		−55 1063	49877	8912	.				6 45 22	−55 26	265 8	−22 39
2527		+77 266	49878	9073	1597.	4530			6 45 29	+77 6	137 33	+26 51
2528		−23 4438	49891	8939	.		5498		6 45 35	−23 58	234 27	−11 5
2529	36 GEM	+21 1405	49908	8965	1598.	4460	5511		6 45 33	+21 53	193 23	+ 9 45
2530		− 0 1462	49933	8954	1599.	4455	5505		6 45 43	− 0 25	213 20	+ 0 23
2531		−72 522	49947	8881	.				6 45 40	−73 0	284 1	−26 26
2532		+45 1359	49949	8988	.	4479			6 45 50	+44 58	171 31	+19 2
2533		+23 1518	49968	8976	.	4471			6 45 56	+23 43	191 44	+10 38
2534		− 7 1592	49976	8955	.				6 45 53	− 7 56	220 1	− 3 50
2535		−16 1624	49980	8951	.				6 45 55	−16 58	228 7	− 7 56
2536		−70 560	50002	8895	.				6 45 56	−70 20	281 5	−25 59
2537		−27 3310	50012	8950	.			VAR?	6 46 6	−27 13	237 30	−12 22
2538	13 κ CMA	−32 3404	50013	8946	.	4452			6 46 6	−32 24	242 22	−14 30
2539	59 AUR	+39 1771	50018	8993	.	4481	5534		6 46 9	+38 59	177 24	+16 54
2540	34 θ GEM	+34 1481	50019	8989	1601.	4480	5532		6 46 12	+34 5	182 6	+15 0
2541	60 AUR	+38 1636	50037	8997	1602.	4486			6 46 22	+38 34	177 49	+16 47
2542		+35 1511	50056	8995	.	4484		VAR?	6 46 22	+35 54	180 23	+15 45
2543		+ 3 1437	50062	8978	.	4473			6 46 25	+ 3 10	210 14	+ 1 26
2544		−25 3691	50093	8966	.				6 46 33	−25 40	236 7	−11 37
2545		−31 3717	50123	8961	.		I		6 46 37	−31 35	241 38	−14 4
2546		−45 2773	50196	8962	.		I		6 47 3	−45 20	254 57	−19 13
2547	61 ψ^8 AUR	+38 1638	50204	9012	.	4496			6 47 6	+38 38	177 49	+16 57
2548		−46 2703	50223	8960	1604.	4459			6 47 5	−46 30	256 7	−19 36
2549		−34 3140	50235	8979	1605.	4474			6 47 14	−34 15	244 13	−15 2
2550	α PIC	−61 720	50241	8941	1605.1	4447			6 47 10	−61 50	271 56	−24 6

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
2501	6 45 31	+ 3 49	−30 57	− 6	5.79	−0.20	B3V	+0.006	+0.001	.005D	+ 17V?	2.5	5.6		2
2502	6 46 39	+ 4 44	−10 6	− 6	5.65	−0.06	A0IV	−0.004	+0.000	.	+ 21V	.	.		
2503	6 47 20	+ 5 26	+ 8 3	− 6	4.76	+1.40	K4III	−0.025	−0.015	+.009	+ 47	.	.		
2504	6 46 51	+ 4 34	−14 25	− 6	5.28	−0.04	B8	−0.004	+0.011	.	+ 17	.	.		
2505	6 40 58	− 1 30	−71 46	− 6	6.50	+1.11	K0	+0.032	−0.056	.		3.8	10.8	3	7
2506	6 47 52	+ 5 13	+ 2 24	− 7	4.47	+1.12	K0III	−0.016	−0.013	+.015	+ 11V	.	.		
2507	6 46 3	+ 3 19	−39 32	− 6	6.53 H	.	B8	−0.005	+0.012	.		.	.		
2508	6 47 38	+ 4 47	− 9 0	− 7	5.26 H	.	M1II	−0.018	+0.004	−.005	+ 24	.	.		
2509	6 47 2	+ 4 17	−21 0	− 6	6.04	−0.18	B8	−0.013	+0.003	.	+ 20V	.	.		G
2510	6 46 12	+ 3 26	−37 46	− 6	6.21	−0.16	B3V	−0.015	+0.000	.	+ 15	.	.		
2511	6 53 42	+ 10 47	+68 53	− 7	5.14 R	.	B7IV	+0.004	+0.008	+.000	− 21	.	.		
2512	6 49 41	+ 6 31	+32 36	− 7	5.71 R	.	gK4	−0.039	−0.043	.	− 16	.	.		
2513	6 45 27	+ 2 19	−52 12	− 6	6.32 H	.	G5	−0.002	−0.011	.	+ 17	.	.		
2514	6 48 19	+ 5 4	− 1 19	− 7	5.74	+0.29	F2	−0.042	−0.041	.		.	.		
2515	6 45 53	+ 2 17	−52 24	− 6	5.68 H	.	K0	−0.013	−0.007	.	+ 36	.	.		
2516	6 50 46	+ 7 4	+41 47	− 7	5.02	+1.27	K3III	−0.020	−0.134	−.005	+ 61	.	.		
2517	6 49 4	+ 5 10	+ 0 59	− 7	6.14	−0.14	B3II-III	+0.006	−0.004	.	+ 23	.	.		
2518	6 47 21	+ 3 25	−37 56	− 7	5.25	−0.09	B9IV	−0.025	−0.019	.	+ 47	5.8	65.4		
2519	6 49 49	+ 5 45	+16 12	− 7	5.73 R	−0.14	B8III	−0.016	−0.014	.	+ 13	.	.		
2520	6 53 5	+ 8 49	+59 27	− 7	5.38 R	.	gG0	−0.003	−0.041	−.004	+ 13	1.2	.9	3	D
2521	6 49 16	+ 5 2	− 2 17	− 7	5.65 H	.	B8V	−0.012	−0.001	.	+ 10V	.0	.1		
2522	6 48 58	+ 4 32	−15 9	− 7	5.38	−0.10	B6V	+0.003	−0.005	.004D	+ 23V	2.7	1.2		2
2523	6 46 53	+ 2 24	−51 16	− 7	5.39	+1.34	gK2	−0.011	−0.101	+.010	− 5	.	.		
2524	6 46 42	+ 2 2	−54 42	− 7	6.45	+0.86	G5	−0.057	+0.019	.004D		3.0	1.7		2
2525	6 50 26	+ 5 39	+13 25	− 7	5.74 R	.	gK3	−0.001	−0.006	.	+ 26	.	.		
2526	6 47 19	+ 1 57	−55 33	− 7	5.62 H	+1.52	K2	+0.000	+0.013	.		.	.		
2527	7 0 4	+ 14 35	+76 58	− 8	4.61 R	.	K4III	+0.079	−0.011	+.020	− 26V	.	.		
2528	6 49 44	+ 4 9	−24 5	− 7	6.24 H	.	A1	+0.001	−0.006	.002D		1.0	2.2	4	D
2529	6 51 33	+ 6 0	+21 46	− 7	5.18 R	−0.02	A2V	−0.007	−0.035	+.011	+ 34	8.8	10.8		1
2530	6 50 49	+ 5 6	− 0 32	− 7	5.77	+0.40	dF2	+0.030	−0.185	+.028	− 15	5.5	6.2		D
2531	6 43 38	− 2 2	−73 7	− 7	6.36	+0.96	K0	+0.034	−0.110	.		.	.		
2532	6 53 8	+ 7 18	+44 51	− 7	6.04 R	.	A5	+0.012	−0.085	.	+ 3	.	.		
2533	6 52 0	+ 6 4	+23 36	− 7	5.62 R	.	gK5	−0.036	−0.013	.	+ 40	.	.		
2534	6 50 42	+ 4 49	− 8 3	− 7	6.24	+0.02	A p	−0.007	+0.000	.	+ 22	.	.		
2535	6 50 22	+ 4 27	−17 5	− 7	5.78	+1.44	K0	+0.014	+0.015	.		.	.		
2536	6 44 56	− 1 0	−70 27	− 7	6.10	+1.33	K2	+0.006	+0.003	.		.	.		
2537	6 50 6	+ 4 0	−27 20	− 7	6.77 H	.	B3	−0.003	−0.003	.		.	.		
2538	6 49 50	+ 3 44	−32 31	− 7	3.96	−0.24	B2Ve	−0.009	+0.004	.	+ 14	.	.		
2539	6 53 2	+ 6 53	+38 52	− 7	5.96 R	.	A7n	+0.008	+0.004	.	+ 1	3.3	24.4	3	D
2540	6 52 47	+ 6 35	+33 58	− 7	3.59	+0.10	A3III	+0.005	−0.053	+.021	+ 20V	9.0	78.7	3	
2541	6 53 13	+ 6 51	+38 27	− 7	6.25 R	.	dF5	+0.037	−0.180	−.003	+ 32	.	.		
2542	6 53 3	+ 6 41	+35 47	− 7	6.04 R	.	G5	−0.017	+0.011	.	+ 6	.	.		
2543	6 51 39	+ 5 14	+ 3 3	− 7	6.20 R	.	A0	−0.010	−0.042	.	+ 45	.	.		
2544	6 50 37	+ 4 4	−25 47	− 7	6.24 H	.	B3V	−0.008	+0.011	.		.	.		
2545	6 50 24	+ 3 47	−31 42	− 7	5.63 H	.	B8	−0.006	+0.010	.		1.9	43.0		
2546	6 49 58	+ 2 55	−45 27	− 7	6.54	+1.51	K0	+0.009	−0.048	.		4.6	6.7		7
2547	6 53 57	+ 6 51	+38 31	− 7	6.24 R	−0.05	B9p?	−0.007	−0.030	.	+ 27	.	.		
2548	6 49 54	+ 2 49	−46 36	− 6	5.13	+0.45	F5V	−0.012	+0.369	+.041	+ 19	.	.		
2549	6 50 52	+ 3 38	−34 22	− 7	4.98	+1.38	K0	+0.002	+0.004	−.019	+ 30	.	.		
2550	6 48 12	+ 1 2	−61 56	− 6	3.26	+0.21	A5V	−0.074	+0.262	+.046	+ 21	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
2551		+ 8 1543	50277	9007	.	4491			6 47 23	+ 8 30	205 37	+ 4 6
2552		− 5 1845	50282	9001	.				6 47 28	− 5 12	217 46	− 2 13
2553	τ PUP	−50 2415	50310	8969	.	4462			6 47 27	−50 30	260 10	−20 52
2554		−53 1168	50337	8972	1607.	4466			6 47 41	−53 30	263 14	−21 46
2555		+11 1344	50371	9013	.	4497			6 47 50	+11 7	203 20	+ 5 24
2556		+46 1202	50384	9039	.	4505			6 47 54	+45 57	170 40	+19 42
2557		+44 1551	50420	9042	.	4507			6 48 2	+44 2	172 35	+19 4
2558		−36 3189	50445	9003	.				6 48 11	−36 6	246 3	−15 35
2559	ζ MEN	−80 196	50506	8869	.	4411			6 48 22	−80 42	292 36	−27 12
2560	15 LYN	+58 982	50522	9082	1611.	4536	5586		6 48 37	+58 33	157 46	+23 35
2561		+57 1017	50551	9081	.	4535			6 48 40	+57 41	158 41	+23 22
2562		−60 712	50571	8987	.				6 48 41	−60 8	270 11	−23 30
2563		−48 2556	50621	9009	.				6 48 51	−48 10	257 54	−19 53
2564	38 GEM	+13 1462	50635	9049	1613.	4514	5559	VAR?	6 49 0	+13 1	201 31	+ 6 39
2565		−18 1591	50644	9021	.				6 48 57	−18 55	230 12	− 8 10
2566		−18 1594	50643	9023	.				6 48 59	−18 48	230 6	− 8 6
2567		−26 3529	50648	9018	.		5548		6 48 59	−26 50	237 26	−11 37
2568	ψ⁹ AUR	+46 1203	50658	9075	.	4531			6 49 8	+46 24	170 18	+20 4
2569	37 GEM	+25 1496	50692	9064	.	4525			6 49 10	+25 30	190 25	+12 3
2570		− 5 1863	50700	9044	.	4510	5557		6 49 15	− 5 44	218 27	− 2 4
2571	15 CMA	−20 1616	50707	9034	.	4503		VAR?	6 49 13	−20 6	231 18	− 8 38
2572		− 0 1487	50747	9052	1615.	4517			6 49 20	− 1 0	214 16	+ 0 8
2573		+46 1205	50763	9089	.	4539			6 49 32	+46 49	169 54	+20 16
2574	14 θ CMA	−11 1681	50778	9051	1617.	4516			6 49 33	−11 55	223 59	− 4 52
2575		−42 2793	50785	9019	.				6 49 32	−42 23	252 13	−17 44
2576		−28 3554	50806	9038	1619.	4504			6 49 35	−28 24	238 56	−12 10
2577		− 1 1446	50820	9063	.	4523			6 49 39	− 1 38	214 52	+ 0 5
2578		−24 4565	50853	9050	.				6 49 47	−24 25	235 17	−10 25
2579		−43 2756	50860	9027	.		I		6 49 45	−43 51	253 40	−18 14
2580	16 o¹ CMA	−24 4567	50877	9059	1621.	4521		VAR?	6 49 59	−24 4	234 59	−10 13
2581		+70 430	50885	9152	.	4578			6 50 0	+70 57	144 25	+26 18
2582		− 2 1827	50890	9070	.	4527			6 49 58	− 2 41	215 50	+ 0 30
2583		−23 4553	50896	9061	.	4522			6 50 3	−23 48	234 45	−10 5
2584		+ 8 1562	50931	9076	.	4532			6 50 9	+ 8 27	205 59	+ 4 42
2585	16 LYN	+45 1367	50973	9113	1623.	4554			6 50 19	+45 13	171 34	+19 51
2586		+33 1433	51000	9101	.	4548		VAR?	6 50 27	+33 49	182 43	+15 43
2587		−53 1177	51043	9045	.				6 50 39	−53 58	263 52	−21 29
2588	17 CMA	−20 1624	51055	9078	.		5585		6 50 44	−20 17	231 38	− 8 24
2589		+10 1335	51104	9100	.	4547			6 50 56	+10 5	204 36	+ 5 37
2590	19 π CMA	−19 1610	51199	9096	1626.	4542	5602		6 51 17	−20 1	231 27	− 8 10
2591		−42 2818	51208	9077	.	4533			6 51 18	−42 14	252 12	−17 23
2592		−59 716	51210	9056	.				6 51 17	−59 13	269 19	−22 56
2593	18 μ CMA	−13 1741	51250	9103	1628.	4551	5605		6 51 32	−13 55	226 0	− 5 21
2594		−50 2458	51266	9072	1629.				6 51 34	−50 29	260 23	−20 15
2595		−22 1602	51283	9099	.	4546			6 51 35	−22 49	234 1	− 9 20
2596	20 ι CMA	−16 1661	51309	9107	1630.	4553		VAR?	6 51 41	−16 55	228 42	− 6 41
2597		+12 1361	51330	9129	.	4560			6 51 51	+12 2	202 58	+ 6 42
2598		−31 3808	51411	9115	.		R1453		6 52 8	−31 40	242 13	−13 2
2599		− 7 1642	51424	9125	.				6 52 11	− 8 3	220 51	− 2 30
2600	62 AUR	+38 1656	51440	9151	.	4575			6 52 14	+38 11	178 39	+17 42

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
2551	6 52 49	+ 5 26	+ 8 23	− 7	5.78	+0.27	A5	−0.050	−0.034	.	+ 27	.	.		
2552	6 52 23	+ 4 55	− 5 19	− 7	6.29	+0.98	K0	−0.021	−0.008	.		.	.		
2553	6 49 56	+ 2 29	−50 37	− 7	2.92	+1.18	K0III	+0.025	−0.075	.	+ 36V	.	.		R
2554	6 49 51	+ 2 10	−53 37	− 7	4.40	+0.92	gG3	−0.008	+0.025	+.017	+ 26V	.	.		R
2555	6 53 23	+ 5 33	+10 59	− 8	6.20 R	.	G9III	+0.012	−0.138	.	− 34	.	.		
2556	6 55 15	+ 7 21	+45 49	− 8	6.35 R	.	K0	−0.034	−0.073	.	+ 31	.	.		G
2557	6 55 15	+ 7 13	+43 55	− 7	5.98 R	.	F0	+0.014	−0.012	.	− 7	.	.		
2558	6 51 43	+ 3 32	−36 13	− 7	6.00 H	.	A2	−0.054	−0.067	.		.	.		
2559	6 40 3	− 8 19	−80 48	− 6	5.63	+0.20	A4IV	−0.005	+0.053	.	+ 9V	.	.		
2560	6 57 16	+ 8 39	+58 25	− 8	4.44BR	.	G5III-IV	+0.001	−0.134	+.012	+ 9	1.1	.9	4	D
2561	6 57 13	+ 8 33	+57 33	− 8	5.99 R	.	gK3	+0.019	+0.019	.	− 54	.	.		
2562	6 50 1	+ 1 20	−60 15	− 7	6.14 H	.	F5	+0.004	+0.105	.		.	.		
2563	6 51 33	+ 2 42	−48 17	− 7	6.23 H	.	K0	+0.029	−0.013	.		.	.		
2564	6 54 39	+ 5 39	+13 10	− 8	4.63 R	.	F0Vp	+0.079	−0.086	+.040	+ 22	2.3	6.7	3	*
2565	6 53 19	+ 4 22	−19 2	− 7	5.62 H	.	A7	−0.048	+0.001	.		.	.		
2566	6 53 22	+ 4 23	−18 55	− 7	6.16 H	.	A2	−0.027	+0.021	.		.	.		
2567	6 53 0	+ 4 1	−26 57	− 7	6.52 H	.	M4	−0.032	−0.064	.		7.7	20.0	3	
2568	6 56 32	+ 7 24	+46 16	− 8	5.75 R	−0.06	B8	+0.021	+0.008	.	− 41	.	.		
2569	6 55 19	+ 6 9	+25 22	− 8	5.67 R	.	dG0	−0.038	+0.019	.	− 11	.	.		
2570	6 54 9	+ 4 54	− 5 51	− 7	6.42	+0.17	A3	−0.021	−0.001	.003D	+ 17	.1	1.2		2
2571	6 53 32	+ 4 19	−20 13	− 7	4.82	−0.23	B1IV	−0.006	+0.004	.	+ 31	.	.		
2572	6 54 25	+ 5 5	− 1 8	− 8	5.44	+0.18	A m	+0.009	−0.011	+.004	− 9	.	.		
2573	6 56 57	+ 7 25	+46 41	− 8	5.90 R	.	gK0	−0.099	−0.096	.	+ 39	.	.		
2574	6 54 12	+ 4 39	−12 3	− 8	4.06	+1.44	K4III	−0.140	−0.018	+.021	+ 97	.	.		
2575	6 52 40	+ 3 8	−42 30	− 7	6.51	+0.42	F2	−0.010	−0.010	.		.	.		
2576	6 53 34	+ 3 59	−28 32	− 8	6.02	+0.72	G5IV	+0.274	−0.440	+.035	+ 72	.	.		
2577	6 54 43	+ 5 4	− 1 46	− 8	6.25 H	.	B3+F	+0.004	+0.007	.	+ 13	.	.		
2578	6 53 55	+ 4 8	−24 33	− 8	6.20 H	.	A1	−0.027	−0.015	.		.	.		
2579	6 52 47	+ 3 2	−43 58	− 7	6.45	−0.11	B9	−0.012	−0.003	.		6.0	9.9		
2580	6 54 8	+ 4 9	−24 12	− 8	3.78	+1.75	K3Iab	−0.008	+0.010	−.002	+ 36	.	.		
2581	7 1 22	+ 11 22	+70 49	− 8	5.66 R	.	gK4	+0.019	−0.020	.	− 17	.	.		
2582	6 54 59	+ 5 1	− 2 49	− 8	6.05	+1.10	gG6	−0.018	+0.002	.	+ 20	.	.		
2583	6 54 13	+ 4 10	−23 56	− 8	6.55 H	.	WN5	−0.010	+0.000	.		.	.		
2584	6 55 35	+ 5 26	+ 8 19	− 8	6.30	+0.04	A0	−0.018	+0.015	.	+ 33	.	.		
2585	6 57 37	+ 7 18	+45 5	− 8	4.89	+0.02	A2V	−0.020	−0.004	+.006	− 9	.	.		G
2586	6 57 1	+ 6 34	+33 41	− 8	5.93 R	.	gG2	−0.015	−0.004	.	− 10	.	.		
2587	6 52 47	+ 2 8	−54 5	− 7	6.50 H	.	K0	−0.027	+0.011	.		.	.		
2588	6 55 3	+ 4 19	−20 25	− 8	5.75 H	.	A2	−0.001	−0.005	.		4.0	45.0	4	D
2589	6 56 26	+ 5 30	+ 9 57	− 8	5.89 R	−0.07	B7V	−0.027	−0.021	.	+ 33	.	.		
2590	6 55 37	+ 4 20	−20 9	− 8	4.65	+0.38	gF2	+0.048	+0.042	+.027	+ 8	3.8	12.0		D
2591	6 54 27	+ 3 9	−42 22	− 8	6.00 H	.	$C8_2$	+0.001	+0.022	.	+ 32	.	.		
2592	6 52 45	+ 1 28	−59 20	− 7	6.40	+0.18	A2	−0.017	+0.033	.		.	.		
2593	6 56 7	+ 4 35	−14 3	− 8	4.99	+1.18	G5+A2	−0.003	+0.004	−.007	+ 20	3.3	3.2	4	D
2594	6 54 3	+ 2 29	−50 36	− 7	6.24	+0.98	gG9	−0.060	+0.214	−.010		.	.		
2595	6 55 47	+ 4 12	−22 57	− 8	5.28	−0.19	B3II-III	−0.017	+0.001	.	+ 38	.	.		
2596	6 56 9	+ 4 28	−17 3	− 8	4.38	−0.07	B3II	−0.003	+0.010	−.008	+ 41	.	.		G
2597	6 57 26	+ 5 35	+11 54	− 8	6.06 R	.	F0	+0.019	−0.003	.	+ 9	.	.		
2598	6 55 55	+ 3 47	−31 48	− 8	6.42 H	.	B8	−0.010	+0.011	.		6.1	19.0		
2599	6 57 0	+ 4 49	− 8 11	− 8	6.35	+0.64	F5+A2	−0.009	+0.001	.		.	.		
2600	6 59 3	+ 6 49	+38 3	− 8	5.99	+1.23	K2III	−0.038	−0.125	.	+ 25	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
2601	39 GEM	+26 1405	51530	9153	1632.	4580			6 52 38	+26 13	190 5	+13 4
2602	ι VOL	−70 572	51557	9057	.	4520			6 52 36	−70 50	281 44	−25 32
2603		−22 1616	51630	9140	.				6 53 0	−22 4	233 29	− 8 43
2604		−35 3225	51682	9138	.				6 53 10	−35 13	245 38	−14 18
2605	40 GEM	+26 1411	51688	9176	.				6 53 17	+26 3	190 18	+13 8
2606		+ 7 1539	51693	9161	.	4583			6 53 14	+ 7 45	206 57	+ 5 3
2607		−24 4648	51733	9145	1634.	4574	5629		6 53 26	−24 30	235 44	− 9 42
2608		−48 2601	51799	9137	1636.	4568			6 53 36	−48 35	258 36	−19 17
2609		+87 51	51802	9772	1637.	4864		VAR?	6 53 44	+87 12	126 14	+27 43
2610		+ 3 1488	51814	9175	.	4587	5648		6 53 41	+ 3 44	210 35	+ 3 18
2611		−27 3460	51823	9154	.				6 53 43	−27 24	238 25	−10 55
2612		−35 3233	51825	9146	1638.		I		6 53 43	−35 22	245 49	−14 16
2613		+ 7 1544	51892	9187	.				6 53 56	+ 7 27	207 18	+ 5 4
2614		−26 3646	51925	9165	.		I		6 54 7	−27 2	238 7	−10 40
2615	41 GEM	+16 1354	52005	9200	.	4596			6 54 31	+16 13	199 29	+ 9 9
2616		−25 3864	52018	9181	.	4588	5651		6 54 30	−25 17	236 33	− 9 50
2617		+70 432	52030	9289	.	4629			6 54 33	+70 53	144 33	+26 40
2618	21 ε CMA	−28 3666	52089	9188	.	4590	5654		6 54 42	−28 50	239 50	−11 20
2619		−33 3389	52092	9184	.	4589			6 54 45	−33 59	244 37	−13 30
2620		+32 1460	52100	9227	.	4603	5680		6 54 48	+32 33	184 18	+16 3
2621		−30 3757	52140	9190	.	4591	I		6 54 54	−30 52	241 43	−12 10
2622		− 5 1910	52265	9220	.				6 55 24	− 5 14	218 43	+ 0 29
2623		−21 1689	52273	9205	.				6 55 23	−21 28	233 11	− 7 57
2624		− 8 1662	52312	9226	.		R1491		6 55 35	− 8 16	221 26	− 1 51
2625		−19 1644	52348	9224	.				6 55 48	−20 1	231 55	− 7 13
2626		−45 2850	52362	9199	.				6 55 47	−45 38	255 50	−17 53
2627		− 8 1667	52382	9236	.	4605			6 55 53	− 9 4	222 10	− 2 10
2628		−21 1695	52437	9232	.	4604	5687		6 56 4	−21 59	233 43	− 8 3
2629		+ 5 1513	52479	9251	.	4612			6 56 23	+ 4 58	209 48	+ 4 28
2630	42 ω GEM	+24 1502	52497	9263	1645.	4616		VAR?	6 56 19	+24 21	192 11	+13 2
2631		+17 1479	52554	9270	.	4620			6 56 36	+17 53	198 11	+10 20
2632		+15 1431	52556	9265	.	4617			6 56 34	+15 29	200 22	+ 9 16
2633		+ 5 1514	52559	9258	.	4615			6 56 35	+ 5 42	209 10	+ 4 51
2634		−55 1116	52603	9212	.				6 56 43	−55 35	265 48	−21 10
2635		+16 1363	52609	9275	.	4622			6 56 47	+16 49	199 11	+ 9 54
2636		− 1 1509	52611	9262	.		B		6 56 48	− 1 12	215 19	+ 1 42
2637		−28 3711	52619	9245	.				6 56 45	−28 21	239 35	−10 43
2638		−56 1211	52622	9211	.				6 56 44	−56 15	266 29	−21 22
2639		− 5 1926	52666	9269	1646.	4619		VAR?	6 57 2	− 5 35	219 13	+ 0 17
2640		−25 3911	52670	9253	.	4614			6 56 59	−25 4	236 37	− 9 14
2641		−33 3415	52703	9250	.				6 57 8	−33 20	244 13	−12 47
2642		+60 1026	52708	9322	.	4642			6 57 12	+59 57	156 34	+24 59
2643		+29 1441	52711	9292	1647.	4630			6 57 9	+29 30	187 25	+15 19
2644		+52 1165	52859	9326	.	4644	5746		6 57 43	+52 54	164 5	+23 21
2645		+47 1391	52860	9317	.				6 57 40	+47 55	169 15	+21 55
2646	22 σ CMA	−27 3544	52877	9276	1649.	4625	5719	VAR?	6 57 44	−27 47	239 10	−10 17
2647		+ 9 1496	52913	9295	.	4633			6 57 50	+ 9 17	206 6	+ 6 46
2648	19 MON	− 4 1788	52918	9293	.	4632		VAR?	6 57 57	− 4 6	218 1	+ 0 36
2649		+11 1428	52960	9303	1650.	4635			6 58 6	+11 6	204 30	+ 7 39
2650	43 ζ GEM	+20 1687	52973	9313	1651.	4639	5742	ζ GEM	6 58 11	+20 43	195 45	+11 54

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
2601	6 58 48	+ 6 10	+26 5	− 8	6.02 R	.	dF4	−0.164	+0.090	+.024	+ 6	.	.		
2602	6 51 27	− 1 9	−70 57	− 7	5.39	−0.12	B6IV	−0.001	+0.025	.	+ 18	.	.		
2603	6 57 15	+ 4 15	−22 12	− 8	6.59	−0.20	B8	−0.006	−0.017	.		.	.		
2604	6 56 45	+ 3 35	−35 21	− 8	6.28	+1.29	K0	−0.007	−0.006	.		.	.		
2605	6 59 27	+ 6 10	+25 55	− 8	6.28 R	−0.14	B8III	−0.007	−0.010	.		.	.		
2606	6 58 39	+ 5 25	+ 7 37	− 8	6.26	+0.11	A2	−0.016	−0.032	.	− 27	.	.		
2607	6 57 34	+ 4 8	−24 38	− 8	5.45	+0.37	dF0	−0.058	+0.103	+.010	+ 20	1.5	1.1		2
2608	6 56 16	+ 2 40	−48 43	− 8	4.94	+1.69	gM1	−0.004	+0.006	−.009	+ 22	.	.		
2609	7 40 26	+ 46 42	+87 1	−11	5.09 R	.	gM2	−0.038	−0.034	+.001	− 25	.	.		
2610	6 58 57	+ 5 16	+ 3 36	− 8	5.96	+1.06	G8III	−0.012	−0.007	.	+ 17	5.0	3.0		
2611	6 57 43	+ 4 0	−27 32	− 8	6.09 H	.	B3	−0.036	+0.002	.		.	.		
2612	6 57 18	+ 3 35	−35 30	− 8	6.22	+0.46	F8IV-V	−0.044	+0.005	+.064	+ 10V?	.2	.5		D
2613	6 59 20	+ 5 24	+ 7 19	− 8	6.35 R	−0.10	B8	−0.018	−0.013	.		.	.		
2614	6 58 8	+ 4 1	−27 10	− 8	6.19 H	.	B3V	+0.004	−0.011	.	+ 18	.6	.2		
2615	7 0 16	+ 5 45	+16 5	− 8	5.62 R	.	cK4	−0.004	−0.010	.	+ 22	.	.		
2616	6 58 36	+ 4 6	−25 25	− 8	5.58	−0.17	B3	−0.012	+0.012	.	+ 28V?	6.8	10.0		
2617	7 5 52	+ 11 19	+70 44	− 9	6.47 R	.	K0	+0.038	−0.008	.	+ 20	.	.		
2618	6 58 38	+ 3 56	−28 58	− 8	1.50	−0.22	B2II	+0.003	−0.003	.001D	+ 27	6.4	8.2		4
2619	6 58 25	+ 3 40	−34 7	− 8	5.05	−0.17	B5	−0.020	+0.014	.	+ 19	.	.		
2620	7 1 18	+ 6 30	+32 25	− 8	6.41 R	.	F0	+0.014	−0.024	.	− 28	6.5	16.4	3	
2621	6 58 44	+ 3 50	−31 0	− 8	6.42	−0.16	B8	+0.000	+0.019	.	+ 14	2.3	15.		
2622	7 0 19	+ 4 55	− 5 22	− 8	6.37 H	.	F8	−0.119	+0.087	.		.	.		
2623	6 59 39	+ 4 16	−21 36	− 8	6.25 H	−0.15	B8	−0.001	−0.012	.		.	.		
2624	7 0 23	+ 4 48	− 8 24	− 8	5.84 H	.	B9III	−0.022	−0.011	.	+ 10V	7.2	1.6		
2625	7 0 8	+ 4 20	−20 9	− 8	6.10 H	−0.15	B8	−0.027	−0.010	.		.	.		
2626	6 58 42	+ 2 55	−45 46	− 8	6.21	+0.00	A0	−0.015	−0.025	.		.	.		
2627	7 0 39	+ 4 46	− 9 12	− 8	6.50	+0.22	B1Ib	−0.009	−0.007	.	+ 51	.	.		
2628	7 0 19	+ 4 15	−22 7	− 8	6.51	−0.18	B4Vne	−0.006	−0.020	.	+ 9	8.7	13.8	3	D
2629	7 1 41	+ 5 18	+ 4 49	− 9	6.45 R	.	A0	−0.006	−0.001	.	− 11	.	.		
2630	7 2 25	+ 6 6	+24 12	− 9	5.16	+0.93	G5II	−0.004	−0.003	+.013	− 9	.	.		
2631	7 2 25	+ 5 49	+17 44	− 9	6.00 R	.	M1	+0.019	+0.040	.	+ 23	.	.		
2632	7 2 17	+ 5 43	+15 20	− 9	5.70 R	.	gK1	+0.003	−0.021	.	− 14	.	.		
2633	7 1 55	+ 5 20	+ 5 33	− 9	6.46 R	.	B2s	−0.040	+0.008	.	+ 34	.	.		
2634	6 58 40	+ 1 57	−55 43	− 8	6.26	+1.17	K0	−0.078	−0.095	.		.	.		
2635	7 2 33	+ 5 46	+16 40	− 9	5.86 R	.	gM2	+0.020	−0.020	.	+ 35	.	.		
2636	7 1 53	+ 5 5	− 1 21	− 9	6.18 H	.	K0	+0.009	−0.026	.		4.7	24.5		
2637	7 0 42	+ 3 57	−28 30	− 9	6.38 H	.	F8	−0.008	−0.037	.		.	.		
2638	6 58 37	+ 1 53	−56 23	− 8	6.44	+0.40	F2	−0.036	−0.032	.		.	.		
2639	7 1 56	+ 4 54	− 5 44	− 9	5.38 H	.	gM2	−0.016	+0.001	−.004	+ 3	.	.		
2640	7 1 6	+ 4 7	−25 12	− 8	5.80 H	.	B3	−0.010	+0.019	.	+ 6V	.	.		6
2641	7 0 50	+ 3 42	−33 28	− 8	6.52 H	.	gG9	+0.014	+0.089	.		.	.		
2642	7 6 2	+ 8 50	+59 48	− 9	6.40 R	.	K0	+0.029	−0.001	.	+ 22	.	.		
2643	7 3 30	+ 6 21	+29 20	−10	5.85 R	.	G8IV	+0.161	−0.828	+.058	+ 22	.	.		
2644	7 5 40	+ 7 57	+52 45	− 9	6.17 R	.	A2	−0.020	−0.077	.011D	+ 27	.1	3.6	3	*
2645	7 5 10	+ 7 30	+47 46	− 9	6.34 R	−0.04	B9	+0.001	−0.010	.		.	.		
2646	7 1 43	+ 3 59	−27 56	− 9	3.46	+1.74	M0lab	−0.003	+0.000	+.017	+ 22	10.5	10.9		
2647	7 3 18	+ 5 28	+ 9 8	− 9	5.96	+0.12	A2	−0.024	+0.004	.	− 11	.	.		6
2648	7 2 55	+ 4 58	− 4 15	− 9	4.89 H	−0.21	B1V	−0.013	+0.001	.	+ 25	.	.		
2649	7 3 38	+ 5 32	+10 57	− 9	5.12 R	.	K3III	−0.007	−0.022	+.006	+ 21	.	.		
2650	7 4 7	+ 5 56	+20 34	− 9	3.7 H	.	F7Ib	−0.004	−0.003	+.004	+ 7V	4.0	96.5	5	*

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
2651		+12 1406	52976	9310	.	4637			6 58 15	+12 44	203 3	+ 8 25
2652		−51 2224	53047	9273	1653.	4621			6 58 26	−51 16	261 33	−19 29
2653	24 o^2 CMA	−23 4797	53138	9307	.	4636			6 58 51	−23 41	235 33	− 8 14
2654		+ 1 1665	53205	9328	.				6 59 10	+ 1 38	213 5	+ 3 32
2655		− 5 1943	53208	9323	.	4643			6 59 10	− 5 11	219 7	+ 0 22
2656		− 9 1818	53240	9321	.				6 59 13	− 9 58	223 21	− 1 51
2657	23 γ CMA	−15 1625	53244	9320	.	4641			6 59 14	−15 29	228 15	− 4 25
2658		−43 2882	53253	9298	.				6 59 10	−43 15	253 46	−16 26
2659	44 GEM	+22 1566	53257	9337	.	4651			6 59 17	+22 47	193 56	+13 0
2660		+34 1524	53329	9354	1657.	4658		VAR?	6 59 36	+34 38	182 41	+17 46
2661		−58 820	53349	9291	.				6 59 32	−58 48	269 13	−21 48
2662		−67 686	53501	9280	1659.	4628			7 0 1	−67 47	278 37	−24 13
2663		+ 9 1510	53510	9355	.	4659			7 0 10	+ 9 20	206 19	+ 7 18
2664		−21 1732	53629	9351	.				7 0 32	−21 53	234 6	− 7 4
2665		+34 1530	53686	9384	.	4672			7 0 48	+34 10	183 14	+17 50
2666		−42 2929	53704	9342	1661.	4652			7 0 53	−42 11	252 52	−15 43
2667		−43 2906	53705	9340	1662.		IA		7 0 53	−43 28	254 6	−16 13
2668		−43 2907	53706	9341	.		IB		7 0 55	−43 28	254 6	−16 13
2669		+28 1314	53744	9387	.				7 1 8	+28 20	188 53	+15 39
2670		−10 1862	53755	9371	.	4668	5782		7 1 6	−10 30	224 2	− 1 42
2671	R GEM	+22 1577	53791	9390	.	4679		R GEM	7 1 20	+22 52	194 4	+13 28
2672		−49 2587	53811	9348	1664.	4656			7 1 18	−49 26	259 55	−18 25
2673		+34 1533	53899	9405	.	4686			7 1 40	+33 59	183 29	+17 56
2674		−58 826	53921	9344	.	4653	I		7 1 43	−59 2	269 33	−21 36
2675		+37 1660	53925	9412	.	4692			7 1 50	+37 36	179 56	+19 16
2676		+ 5 1543	53929	9394	.				7 1 48	+ 5 4	210 20	+ 5 43
2677		−34 3327	53952	9376	.		IA		7 1 54	−34 37	245 50	−12 25
2678		−11 1790	53974	9389	.	4678	5795		7 1 59	−11 8	224 42	− 1 48
2679		−12 1788	53975	9386	.	4676			7 1 56	−12 14	225 40	− 2 19
2680		−30 3907	54031	9383	.	4671			7 2 9	−30 30	242 4	−10 36
2681		+72 352	54070	9489	.	4726			7 2 20	+71 59	143 24	+27 25
2682		+ 7 1607	54079	9409	.	4689			7 2 25	+ 7 38	208 6	+ 7 1
2683		−56 1232	54118	9368	1666.	4665			7 2 26	−56 36	267 7	−20 44
2684	45 GEM	+16 1397	54131	9421	1667.	4696	5812		7 2 38	+16 5	200 28	+10 51
2685		−37 3163	54153	9388	.	4677			7 2 36	−38 14	249 16	−13 49
2686		−24 4868	54173	9402	.				7 2 45	−24 48	236 58	− 7 56
2687		−50 2561	54179	9381	.				7 2 44	−50 12	260 45	−18 28
2688		−26 3880	54224	9406	.				7 2 57	−26 30	238 31	− 8 40
2689	θ MEN	−79 238	54239	9278	.	4626			7 2 54	−79 17	291 7	−26 24
2690		−23 4908	54309	9414	.				7 3 12	−23 41	236 0	− 7 21
2691		−40 2930	54475	9419	.				7 3 51	−40 44	251 43	−14 38
2692		+21 1528	54563	9462	1672.	4714			7 4 10	+21 25	195 42	+13 27
2693	25 δ CMA	−26 3916	54605	9443	1673.	4704			7 4 20	−26 14	238 25	− 8 16
2694		−10 1892	54662	9459	.	4711			7 4 36	−10 11	224 10	+ 0 47
2695		−23 4949	54669	9454	.				7 4 39	−23 53	236 20	− 7 8
2696	63 AUR	+39 1882	54716	9490	1675.	4727			7 4 47	+39 29	178 16	+20 27
2697	46 τ GEM	+30 1439	54719	9484	1676.	4723	5846	VAR?	7 4 47	+30 25	187 12	+17 12
2698		−51 2306	54732	9435	.				7 4 49	−51 49	262 28	−18 45
2699		−16 1802	54764	9467	.	4716	5837		7 5 3	−16 4	229 25	− 3 27
2700	47 GEM	+27 1327	54801	9493	.	4728			7 5 11	+27 1	190 31	+15 57

BS= HR	RA (2000)	$\Delta\alpha$ 100 YR	DEC (2000)	$\Delta\delta$ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
2651	7 3 51	+ 5 36	+12 35	− 9	6.02 R		K5	+0.003	−0.003	.	− 16	.	.		
2652	7 0 52	+ 2 26	−51 25	− 9	5.02 H	.	M1	−0.025	+0.015	−.020	+ 5V?	.	.		
2653	7 3 2	+ 4 11	−23 50	− 9	3.04	−0.08	B3Ia	+0.000	+0.000	.	+ 48	.	.		
2654	7 4 21	+ 5 11	+ 1 29	− 9	6.43 R	+0.03	B9	+0.001	−0.012	.		.	.		
2655	7 4 5	+ 4 55	− 5 20	− 9	5.60	+1.30	gK3	−0.007	+0.009	.	+ 40	.	.		
2656	7 3 57	+ 4 44	−10 7	− 9	6.44	−0.08	B8	−0.027	−0.012	.		.	.		
2657	7 3 45	+ 4 31	−15 38	− 9	4.10	−0.12	B8II	+0.003	−0.008	.	+ 30V	.	.		
2658	7 2 16	+ 3 6	−43 24	− 9	6.42	−0.04	A0	+0.008	−0.016	.		.	.		
2659	7 5 18	+ 6 1	+22 38	− 9	5.87 R	−0.03	B9.5V	−0.001	−0.016	.	− 8	.	.		
2660	7 6 12	+ 6 36	+34 29	− 9	5.43 R	.	sgG3	−0.051	−0.053	+.033	+ 5	.	.		
2661	7 1 5	+ 1 33	−58 56	− 8	6.01	+0.31	F0V	−0.060	+0.134	.	+ 10	.	.		
2662	6 59 50	− 0 11	−67 55	− 8	5.16	+1.40	K2	−0.038	+0.236	+.017	+ 39	.	.		G
2663	7 5 39	+ 5 29	+ 9 11	− 9	5.89 R	.	gM0	+0.047	−0.022	.	+ 46	.	.		
2664	7 4 48	+ 4 16	−22 2	− 9	6.19 H	.	K0	+0.021	−0.060	.		.	.		
2665	7 7 22	+ 6 34	+34 1	− 9	6.00 R	.	gK4	−0.024	−0.030	.	+ 14V	.	.		6
2666	7 4 3	+ 3 10	−42 20	− 9	5.20	+0.21	A m	−0.021	+0.063	+.017	+ 28V	.	.		*
2667	7 3 57	+ 3 4	−43 36	− 8	5.80 H	.	G3V	−0.117	+0.382	+.044	+ 86	1.1	20.6	3	D
2668	7 3 59	+ 3 4	−43 36	− 8	6.92 H	.	G0	−0.120	+0.366	.		1.1	20.6	3	D
2669	7 7 24	+ 6 16	+28 11	− 9	6.21 R	−0.10	B9V	+0.009	+0.017	.		.	.		
2670	7 5 49	+ 4 43	−10 39	− 9	6.48	−0.05	B0V?	−0.001	−0.030	.	+ 16V	2.3	37.9	3	7
2671	7 7 21	+ 6 1	+22 43	− 9	6.5 H	.	S3Se	+0.007	−0.005	.	− 41	.	.		
2672	7 3 54	+ 2 36	−49 35	− 9	5.12 H	.	A2m	−0.056	+0.143	+.014	+ 25	.	.		G
2673	7 8 13	+ 6 33	+33 50	− 9	6.32 R	.	K1	−0.012	−0.038	.	− 3	.	.		
2674	7 3 15	+ 1 32	−59 11	− 9	5.48	−0.12	B9	+0.017	+0.004	.014D	− 5	.9	2.7		2
2675	7 8 36	+ 6 46	+37 27	− 9	6.19 R	.	K1III	−0.005	−0.017	.	+ 10	.	.		
2676	7 7 6	+ 5 18	+ 4 55	− 9	5.95 R	−0.13	B8	−0.033	−0.021	.		.	.		
2677	7 5 32	+ 3 38	−34 46	− 9	6.12	+0.38	F0	−0.048	+0.040	.		1.3	5.4	5	D
2678	7 6 41	+ 4 42	−11 17	− 9	5.38	+0.05	B0.5IV	−0.013	−0.006	.	+ 31	1.2	.7	5	7
2679	7 6 35	+ 4 39	−12 23	− 9	6.47	−0.10	O8	−0.021	+0.006	.	+ 33	.	.		
2680	7 6 0	+ 3 51	−30 39	− 9	6.38 H	.	B3IV	−0.004	+0.007	.	+ 14V	.	.		6
2681	7 13 59	+ 11 39	+71 49	−10	6.30 R	.	K0	+0.020	+0.020	.	− 68	.	.		
2682	7 7 49	+ 5 24	+ 7 29	− 9	5.74	+1.18	gK0	+0.000	−0.038	.	+ 24	.	.		
2683	7 4 18	+ 1 52	−56 45	− 9	5.30 H	.	A0si	+0.003	+0.001	−.024	+ 30	.	.		
2684	7 8 22	+ 5 44	+15 55	−10	5.41 R	.	gG8	−0.004	−0.104	+.011	− 17	5.7	6.3	3	D
2685	7 6 2	+ 3 26	−38 23	− 9	6.06 H	.	gG0	+0.007	+0.014	.	+ 22	.	.		
2686	7 6 53	+ 4 8	−24 57	− 9	6.20 H	.	K2	−0.031	+0.004	.		.	.		
2687	7 5 17	+ 2 33	−50 21	− 9	6.49 H	.	K0	−0.020	+0.028	.		.	.		
2688	7 7 0	+ 4 3	−26 39	− 9	6.38 H	.	B1V	+0.015	−0.035	.		.	.		
2689	6 56 34	− 6 20	−79 26	− 9	5.44	+0.05	A0	−0.007	−0.003	.	+ 5	.	.		
2690	7 7 23	+ 4 11	−23 50	− 9	5.75 H	.	B1?Ve	−0.005	+0.020	.	+ 8	.	.		
2691	7 7 7	+ 3 16	−40 53	− 9	5.91 H	.	B9	−0.015	+0.002	.		.	.		
2692	7 10 6	+ 5 56	+21 15	−10	6.33 R	+0.88	dG7	−0.161	−0.482	+.022	− 15	.	.		
2693	7 8 24	+ 4 4	−26 24	−10	1.84	+0.68	F8Ia	−0.004	+0.003	−.018	+ 34V?	.	.		
2694	7 9 20	+ 4 44	−10 21	−10	6.21	+0.03	O6	+0.003	−0.021	.	+ 58	.	.		
2695	7 8 49	+ 4 10	−24 3	−10	6.47 H	.	B3V	−0.014	−0.012	.	+ 30V	.	.		
2696	7 11 40	+ 6 53	+39 19	−10	4.91 R	.	K4II-III	+0.049	−0.001	+.022	− 27	.	.		
2697	7 11 9	+ 6 22	+30 15	−10	4.33 R	.	K2III	−0.026	−0.048	+.005	+ 22	6.5	1.9	3	D
2698	7 7 13	+ 2 24	−51 58	− 9	5.98 H	.	G5	−0.018	+0.053	.	+ 29V	.	.		
2699	7 9 33	+ 4 30	−16 14	−10	6.02	+0.02	B1II	−0.022	−0.010	.	+ 6	5.3	32.5		
2700	7 11 23	+ 6 12	+26 51	−10	5.58 R	+0.12	A4V	−0.019	−0.041	.	+ 39	.	.		G

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
2701	20 MON	− 4 1840	54810	9477	1677.	4718			7 5 16	− 4 5	218 51	+ 2 13
2702		−39 3105	54893	9463	.	4715			7 5 30	−39 30	250 42	−13 50
2703		+51 1295	54895	9526	1678.	4744		VAR?	7 5 36	+51 36	165 48	+24 10
2704		−25 4120	54912	9473	.	4717			7 5 36	−25 4	237 30	− 7 29
2705		−18 1711	54958	9483	.		R1586		7 5 45	−18 31	231 40	− 4 26
2706	48 GEM	+24 1558	55052	9521	.	4741			7 6 22	+24 18	193 12	+15 6
2707	21 MON	− 0 1634	55057	9505	1679.1	4733			7 6 17	− 0 8	215 28	+ 4 18
2708		−27 3710	55070	9495	.	4729			7 6 18	−27 20	239 36	− 8 23
2709		+81 242	55075	9721	.	4832			7 6 24	+81 26	132 45	+28 4
2710		+ 5 1577	55111	9516	.	4739			7 6 31	+ 5 50	210 11	+ 7 6
2711		+27 1337	55130	9532	1681.	4746	5871		7 6 35	+27 24	190 16	+16 23
2712		−68 591	55151	9447	.				7 6 36	−68 41	279 44	−23 52
2713		+ 5 1580	55184	9524	.	4743			7 6 48	+ 5 39	210 23	+ 7 5
2714	22 δ MON	− 0 1636	55185	9518	1682.	4740	5864		7 6 45	− 0 20	215 42	+ 4 18
2715	18 LYN	+59 1065	55280	9581	1683.	4770			7 7 11	+59 49	156 59	+26 11
2716		−20 1767	55344	9528	.				7 7 23	−20 43	233 48	− 5 7
2717	51 GEM	+16 1417	55383	9551	1684.	4757		BQ GEM	7 7 38	+16 20	200 46	+12 2
2718	26 CMA	−25 4191	55522	9545	.	4754			7 8 7	−25 47	238 24	− 7 18
2719		−48 2765	55526	9523	1686.	4742			7 8 6	−48 46	259 42	−17 8
2720		−30 4081	55568	9544	.				7 8 13	−30 39	242 48	− 9 30
2721		+47 1419	55575	9606	1687.	4784			7 8 25	+47 25	170 20	+23 30
2722		+24 1576	55579	9577	.	4768			7 8 20	+24 53	192 50	+15 45
2723		−11 1849	55589	9558	.				7 8 25	−11 4	225 23	+ 0 22
2724		−27 3761	55595	9550	.				7 8 23	−27 18	239 47	− 7 57
2725	52 GEM	+25 1618	55621	9585	.	4771	5909	VAR?	7 8 35	+25 4	192 41	+15 53
2726		−36 3421	55718	9555	.	4759	I		7 8 53	−36 23	248 6	−11 54
2727		−40 2987	55719	9554	1690.	4758			7 8 57	−40 20	251 46	−13 35
2728		+12 1469	55730	9592	.	4777			7 8 58	+12 17	204 38	+10 33
2729		+ 3 1609	55751	9590	.	4775			7 9 6	+ 3 17	212 46	+ 6 30
2730		−22 1756	55762	9574	.			VAR?	7 9 9	−22 30	235 35	− 5 35
2731		− 3 1804	55775	9589	.	4773	5911		7 9 12	− 3 43	218 59	+ 3 16
2732		− 9 1921	55832	9600	.	4779			7 9 30	− 9 46	224 22	+ 0 29
2733		−22 1761	55856	9588	.	4772	5912		7 9 35	−22 44	235 50	− 5 36
2734		−27 3789	55857	9583	.				7 9 35	−27 11	239 49	− 7 39
2735	γ^1 VOL	−70 600	55864	9513	.	4737	IB	VAR?	7 9 34	−70 20	281 33	−24 3
2736	γ^2 VOL	−70 600	55865	9514	1692.	4738	IA	VAR?	7 9 36	−70 20	281 33	−24 2
2737		+52 1188	55866	9642	.	4802			7 9 43	+52 18	165 13	+24 57
2738	53 GEM	+28 1350	55870	9627	1693.	4793		VAR?	7 9 42	+28 4	189 55	+17 17
2739		−10 1933	55879	9605	.	4783			7 9 44	−10 8	224 43	+ 0 21
2740		−46 2977	55892	9569	1694.	4764			7 9 43	−46 36	257 44	−16 2
2741		−30 4143	55958	9598	.	4778			7 9 56	−30 55	243 12	− 9 17
2742		+82 201	55966	9851	1696.	4906		VZ CAM	7 10 3	+82 36	131 25	+28 10
2743		−30 4146	55985	9603	.	4781			7 10 4	−30 10	242 33	− 8 55
2744	24 MON	+ 0 1871	56003	9622	.	4790	5933		7 10 12	+ 0 1	215 48	+ 5 14
2745	27 CMA	−26 4057	56014	9608	.	4786	F	VAR?	7 10 11	−26 11	238 58	− 7 5
2746		−44 3223	56022	9591	1698.	4776		VAR?	7 10 14	−45 1	256 16	−15 18
2747		+ 8 1712	56031	9628	.	4795		VAR?	7 10 14	+ 8 10	208 30	+ 8 59
2748		−44 3227	56096	9604	1699.	4782		L_2 PUP	7 10 29	−44 29	255 47	−15 3
2749	28 ω CMA	−26 4073	56139	9625	.	4791		VAR?	7 10 45	−26 36	239 24	− 7 10
2750		−26 4074	56160	9626	.	4792			7 10 49	−26 52	239 39	− 7 16

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
2701	7 10 14	+ 4 58	− 4 14	− 9	4.91	+1.02	K0III	−0.004	+0.215	+.021	+ 79	.	.		
2702	7 8 51	+ 3 21	−39 40	−10	4.82	−0.18	B3V	−0.012	+0.003	.	+ 20V	.	.		
2703	7 13 24	+ 7 48	+51 26	−10	5.52 R	.	gM3	+0.007	+0.009	+.000	− 51	.	.		
2704	7 9 43	+ 4 7	−25 14	−10	5.76 H	.	B3	−0.014	+0.003	.	+ 28V	.	.		
2705	7 10 9	+ 4 24	−18 41	−10	6.18 H	.	F0	−0.009	+0.014	.		5.0	1.0	3	
2706	7 12 27	+ 6 5	+24 8	−10	5.67 R	.	gF4	−0.018	−0.052	.	+ 13	.	.		
2707	7 11 24	+ 5 7	− 0 18	−10	5.45	+0.30	A8n	−0.031	−0.012	+.021	+ 30	.	.		
2708	7 10 19	+ 4 1	−27 30	−10	5.55 H	.	gG7	−0.005	+0.006	.	+ 15	.	.		
2709	7 25 22	+ 18 58	+81 15	−11	6.12 R	−0.04	B9	+0.005	−0.028	.	− 8	.	.		
2710	7 11 51	+ 5 20	+ 5 40	−10	6.08	−0.02	A0	−0.016	−0.011	.	+ 46V	.	.		6
2711	7 12 48	+ 6 13	+27 14	−10	6.37 R	.	dF6	+0.015	−0.107	+.020	− 13	.0	1.2	3	D
2712	7 6 14	− 0 22	−68 51	−10	6.46	+1.04	gKo	−0.005	+0.005	.		.	.		
2713	7 12 8	+ 5 20	+ 5 29	−10	6.15	+1.14	G5	−0.036	+0.002	.	+ 20	.	.		
2714	7 11 51	+ 5 6	− 0 30	−10	4.14	−0.02	A0IV	−0.001	+0.006	+.015	+ 15	8.9	32.0		
2715	7 15 55	+ 8 44	+59 38	−11	5.22 R	.	K2III	−0.091	−0.260	+.034	+ 24	.	.		
2716	7 11 42	+ 4 19	−20 53	−10	5.71 H	.	A0	−0.017	+0.028	.	+ 18V	.	.		
2717	7 13 23	+ 5 45	+16 10	−10	5.08VR	.	M4III	+0.013	−0.044	+.009	− 9	.	.		
2718	7 12 12	+ 4 5	−25 57	−10	5.86 H	.	B3	−0.011	+0.008	.	+ 22	.	.		
2719	7 10 47	+ 2 41	−48 56	−10	5.14	+1.24	gK1	−0.027	+0.202	+.027	+ 64	.	.		G
2720	7 12 4	+ 3 51	−30 49	−10	6.09	+0.27	A5m?	−0.043	+0.013	.		.	.		
2721	7 15 50	+ 7 25	+47 14	−11	5.58	+0.58	G0V	+0.034	−0.187	+.037	+ 85	.	.		
2722	7 14 26	+ 6 6	+24 43	−10	6.68 R	−0.03	B9	+0.007	−0.019	.	+ 3	.	.		
2723	7 13 7	+ 4 42	−11 14	−10	6.01 H	.	K0	−0.013	+0.009	.		.	.		
2724	7 12 24	+ 4 1	−27 28	−10	6.45 H	.	A2	−0.027	+0.005	.		.	.		
2725	7 14 42	+ 6 7	+24 54	−10	5.85 R	.	M1III	+0.052	−0.095	.	+ 47	6.7	24.0		1
2726	7 12 26	+ 3 33	−36 33	−10	5.96	−0.15	B5	−0.029	+0.001	.004D	+ 17	2.8	3.1		2
2727	7 12 16	+ 3 19	−40 30	−10	5.30	+0.06	A p	−0.025	−0.018	+.004	− 7V	.	.		6
2728	7 14 32	+ 5 34	+12 7	−10	5.71 R	.	gG6	−0.054	−0.020	.	+ 30	.	.		
2729	7 14 20	+ 5 14	+ 3 7	−10	5.50 R	.	gK0	−0.006	−0.003	.	+ 37	.	.		
2730	7 13 23	+ 4 14	−22 40	−10	6.19 H	.	K2	+0.007	−0.010	.		.	.		
2731	7 14 11	+ 4 59	− 3 53	−10	6.12 H	.	gK5	−0.016	+0.007	.	+ 22	5.0	2.9		
2732	7 14 15	+ 4 45	− 9 56	−10	6.06 H	.	gK3	−0.006	+0.003	.	+ 43	.	.		
2733	7 13 49	+ 4 14	−22 54	−10	6.26	−0.16	B3	−0.011	−0.020	.	+ 17	2.5	19.8		D
2734	7 13 37	+ 4 2	−27 21	−10	6.11	−0.26	B3IV	−0.027	+0.003	.		.	.		
2735	7 8 43	− 0 51	−70 30	−10	5.81 H	.	dF4	+0.005	+0.097	.	− 3V	1.9	13.8		*
2736	7 8 45	− 0 51	−70 30	−10	3.87 H	.	G8III	+0.021	+0.103	+.009	+ 3	1.9	13.8		D
2737	7 17 34	+ 7 51	+52 7	−11	5.85 R	.	gK1	+0.002	−0.030	.	− 7	.	.		
2738	7 15 57	+ 6 15	+27 54	−10	5.70 R	.	gM1	−0.012	−0.002	+.005	+ 24	.	.		
2739	7 14 28	+ 4 44	−10 18	−10	5.99	−0.18	B0IV	−0.006	−0.012	.	+ 33	.	.		G
2740	7 12 34	+ 2 51	−46 46	−10	4.48	+0.33	F0V	−0.139	+0.102	+.040	− 1	.	.		
2741	7 13 47	+ 3 51	−31 5	−10	6.53 H	−0.18	B3	−0.018	−0.004	.	+ 28V?	.	.		
2742	7 31 4	+ 21 1	+82 24	−12	4.93VR	.	gM4	+0.000	−0.041	+.001	+ 14	.	.		
2743	7 13 57	+ 3 53	−30 20	−10	6.31 H	.	B4	−0.018	−0.008	.	+ 19V	.	.		6
2744	7 15 19	+ 5 7	− 0 9	−10	6.40	+0.90	gG5	−0.021	−0.003	.011D	− 10	5.8	3.8		7
2745	7 14 16	+ 4 5	−26 21	−10	4.42	−0.12	B3IIIpe	−0.011	+0.004	.	+ 0V	.0	.1		6
2746	7 13 13	+ 2 59	−45 11	−10	4.89	−0.03	A si	−0.029	−0.104	+.005	+ 4	.	.		
2747	7 15 40	+ 5 26	+ 8 0	−10	5.83	+1.60	gM4	+0.028	+0.005	.	− 9	.	.		
2748	7 13 32	+ 3 3	−44 39	−10	3.1 H	.	gM5e	+0.104	+0.326	+.016	+ 53	6.4	62.0		D
2749	7 14 48	+ 4 3	−26 46	−10	3.83 H	−0.17	B3IVe	−0.009	+0.003	.	+ 26	.	.		
2750	7 14 51	+ 4 2	−27 2	−10	5.80 H	.	gK4	−0.051	−0.034	.	+ 15	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
2751		+49 1612	56169	9681	1701.	4815			7 10 56	+49 39	168 6	+24 30
2752		−10 1945	56207	9638	.				7 10 59	−10 24	225 6	+ 0 30
2753	64 AUR	+41 1630	56221	9677	.	4813			7 11 5	+41 4	177 4	+22 6
2754		−62 789	56239	9582	.		I		7 11 5	−63 1	274 0	−21 46
2755		−23 5173	56341	9644	.				7 11 36	−23 34	236 47	− 5 35
2756		−30 4184	56342	9639	.	4799			7 11 29	−30 31	243 0	− 8 48
2757		+31 1529	56386	9688	.	4818			7 11 41	+31 9	187 5	+18 51
2758		−15 1734	56405	9657	1707.	4807			7 11 43	−15 25	229 36	− 1 43
2759		−41 2906	56410	9636	.				7 11 41	−41 15	252 50	−13 30
2760		+ 6 1594	56446	9679	.				7 11 56	+ 6 51	209 53	+ 8 46
2761		−46 3000	56455	9637	.				7 11 54	−46 40	257 57	−15 43
2762		−48 2807	56456	9635	.	4798	R1630		7 11 53	−48 6	259 19	−16 17
2763	54 λ GEM	+16 1443	56537	9701	1708.	4824	5961	VAR?	7 12 21	+16 43	200 55	+13 13
2764		−23 5189	56577	9675	1709.	4811	5951	VAR?	7 12 24	−23 8	236 30	− 5 13
2765		− 6 2032	56614	9698	.				7 12 39	− 6 30	221 51	+ 2 42
2766		−27 3852	56618	9678	1711.	4814			7 12 34	−27 42	240 35	− 7 18
2767		−52 1123	56705	9664	.				7 12 59	−52 20	263 28	−17 47
2768		−30 4234	56731	9694	.		IA		7 13 5	−30 43	243 20	− 8 35
2769		−38 3288	56733	9685	.				7 13 4	−38 8	250 5	−11 55
2770		−36 3485	56779	9696	.	4822			7 13 16	−36 25	248 31	−11 7
2771		−46 3023	56813	9686	.	4817			7 13 22	−46 36	258 0	−15 27
2772	47 CAM	+60 1048	56820	9775	.	4866	5995		7 13 32	+60 5	156 51	+27 1
2773	π PUP	−36 3489	56855	9706	1716.	4825		VAR?	7 13 37	−36 55	249 1	−11 17
2774		−26 4140	56876	9717	.				7 13 44	−26 37	239 44	− 6 34
2775		+42 1699	56941	9765	.	4860			7 13 59	+42 50	175 26	+23 9
2776		+45 1422	56963	9769	.	4861			7 14 3	+45 25	172 44	+23 53
2777	55 δ GEM	+22 1645	56986	9755	1718.	4854	5983		7 14 9	+22 10	195 59	+15 53
2778		+ 2 1640	56989	9739	.	4846			7 14 9	+ 2 55	213 41	+ 7 27
2779		+ 7 1684	57006	9752	.	4852			7 14 24	+ 7 19	209 45	+ 9 31
2780		+15 1541	57049	9759	.	4857			7 14 26	+15 20	202 25	+13 5
2781	29 UW CMA	−24 5173	57060	9734	.	4840		UW CMA	7 14 31	−24 23	237 50	− 5 23
2782	30 τ CMA	−24 5176	57061	9736	.	4843	5977	VAR?	7 14 34	−24 46	238 11	− 5 33
2783	19 LYN	+55 1192	57102	9799	.	4879	6012B		7 14 41	+55 28	161 58	+26 21
2784	19 LYN	+55 1192	57103	9800	1724.	4880	6012A		7 14 42	+55 28	161 58	+26 21
2785		−19 1813	57118	9742	.				7 14 39	−19 6	233 11	− 2 51
2786		−26 4164	57146	9740	1725.	4848			7 14 47	−26 24	239 39	− 6 16
2787		−36 3512	57150	9733	.	4839			7 14 45	−36 33	248 47	−10 55
2788	R CMA	−16 1898	57167	9758	1726.	4856		R CMA	7 14 57	−16 12	230 39	− 1 25
2789		−43 3093	57197	9732	.				7 14 59	−43 49	255 30	−14 2
2790		−36 3519	57219	9746	.	4850			7 15 5	−36 34	248 49	−10 52
2791		−38 3309	57240	9743	1727.	4849			7 15 9	−39 2	251 5	−11 57
2792		+39 1927	57263	9801	.	4881			7 15 24	+39 11	179 17	+22 18
2793	65 AUR	+37 1707	57264	9796	1728.	4877	6009		7 15 22	+36 57	181 34	+21 35
2794		−33 3696	57299	9761	.				7 15 30	−33 33	246 8	− 9 26
2795	56 GEM	+20 1775	57423	9808	1730.	4883	6016		7 16 3	+20 38	197 37	+15 39
2796		−14 1846	57478	9795	.	4876			7 16 23	−14 10	229 2	+ 0 8
2797		+81 252	57508	9983	.	4970			7 16 27	+81 6	133 7	+28 28
2798		− 8 1862	57517	9804	.				7 16 29	− 8 41	224 14	+ 2 30
2799		−22 1823	57573	9798	.	4878			7 16 39	−22 40	236 33	− 4 8
2800		−26 4223	57593	9805	.		6015		7 16 51	−26 47	240 12	− 6 2

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	″				″	″	″	km/s		″		
2751	7 18 32	+ 7 36	+49 28	−11	4.79 R	.	A3III-IV	−0.002	+0.008	+.009	− 12	.	.		
2752	7 15 43	+ 4 44	−10 35	−11	6.09 H	.	K0	+0.009	−0.008	.		.	.		
2753	7 18 2	+ 6 57	+40 53	−11	5.71 R	.	A3	−0.014	+0.010	.	− 15	.	.		G
2754	7 12 2	+ 0 57	−63 11	−10	6.01	−0.02	A0	−0.007	−0.005	.005D		.4	.6		2
2755	7 15 48	+ 4 12	−23 45	−11	6.26 H	.	A0	+0.016	+0.004	.		.	.		
2756	7 15 21	+ 3 52	−30 42	−11	5.34	−0.20	B5	−0.022	+0.011	.	+ 33	.	.		
2757	7 18 4	+ 6 23	+30 58	−11	6.04 R	−0.04	B9.5V	−0.023	−0.020	.	+ 34	.	.		
2758	7 16 15	+ 4 32	−15 36	−11	5.39 H	.	A2	−0.064	−0.007	+.034	+ 10	.	.		
2759	7 14 57	+ 3 16	−41 25	−10	6.10 H	.	B8	+0.001	+0.020	.		.	.		
2760	7 17 18	+ 5 22	+ 6 40	−11	6.42 R	−0.12	B9	+0.001	−0.017	.		.	.		
2761	7 14 46	+ 2 52	−46 51	−11	5.82 H	.	A si	−0.028	−0.013	.		.	.		
2762	7 14 38	+ 2 45	−48 16	−10	4.75	−0.10	B8	−0.006	+0.000	.	+ 44	9.1	18.7		
2763	7 18 6	+ 5 45	+16 32	−11	3.58	+0.11	A3V	−0.043	−0.043	+.041	− 9	7.1	10.0		*
2764	7 16 37	+ 4 13	−23 19	−11	4.86	+1.74	gM0	−0.010	+0.000	+.004	+ 28V?	2.0	28.2		D
2765	7 17 32	+ 4 53	− 6 41	−11	6.36 H	.	K2	−0.015	+0.010	.		.	.		
2766	7 16 34	+ 4 0	−27 53	−11	4.65	+1.60	gM3	−0.015	+0.038	+.006	+ 42	.	.		
2767	7 15 21	+ 2 22	−52 30	−10	5.99 H	.	G5	−0.067	+0.098	.		.	.		
2768	7 16 57	+ 3 52	−30 54	−11	6.23 H	.	A m	+0.001	−0.023	.		1.5	38.0		3
2769	7 16 31	+ 3 27	−38 19	−11	5.78	−0.13	B5IV	−0.022	+0.002	.		.	.		
2770	7 16 50	+ 3 34	−36 36	−11	5.02	−0.18	B2V	−0.006	−0.005	.	+ 8V	.	.		6
2771	7 16 15	+ 2 53	−46 47	−11	5.66	+1.44	K5	−0.001	+0.031	.	+ 20	.	.		
2772	7 22 17	+ 8 45	+59 54	−11	6.23 R	.	A m	+0.005	+0.012	.015D	+ 7	4.5	2.4		2
2773	7 17 9	+ 3 32	−37 6	−11	2.70	+1.63	K5III	−0.006	+0.005	+.023	+ 16	.	.		
2774	7 17 48	+ 4 4	−26 48	−11	6.34 H	.	B5Vn	−0.012	−0.002	.	+ 15	.	.		
2775	7 21 3	+ 7 4	+42 39	−11	6.44 R	.	K0	−0.015	−0.050	.	+ 46	.	.		
2776	7 21 17	+ 7 14	+45 14	−11	5.60 R	.	A7s	−0.042	+0.009	.	+ 25	.	.		
2777	7 20 7	+ 5 58	+21 59	−11	3.52	+0.34	F0IV	−0.019	−0.015	+.059	+ 3V	5.0	7.2		D
2778	7 19 23	+ 5 14	+ 2 44	−11	5.88	+1.07	G9III	−0.004	−0.018	.	+ 24	.	.		
2779	7 19 48	+ 5 24	+ 7 8	−11	5.92	+0.53	F8	+0.082	−0.054	.	+ 22	.	.		
2780	7 20 8	+ 5 42	+15 9	−11	6.43 R	−0.02	A2V	+0.014	−0.022	.	+ 13V	.	.		
2781	7 18 41	+ 4 10	−24 34	−11	4.5 H	.	O7f	−0.007	−0.003	.	− 11V	.	.		R
2782	7 18 43	+ 4 9	−24 57	−11	4.39	−0.14	O9III	−0.010	+0.007	.	+ 40V	3.7	84.4	5	*
2783	7 22 51	+ 8 10	+55 17	−11	6.53 H	.	A0	+0.005	−0.028	.	+ 10V	1.3	15.3	4	*
2784	7 22 52	+ 8 10	+55 17	−11	5.61 H	.	B8	+0.000	−0.034	+.004	+ 5V	1.3	15.3	4	*
2785	7 19 2	+ 4 23	−19 17	−11	6.08	+0.62	F0	+0.010	+0.000	.		.	.		
2786	7 18 51	+ 4 4	−26 35	−11	5.40 H	.	G0II	−0.019	+0.005	+.011	+ 32	.	.		
2787	7 18 18	+ 3 33	−36 44	−11	4.78	−0.16	B3Ve	−0.010	−0.002	.	+ 19	.	.		
2788	7 19 29	+ 4 32	−16 23	−11	5.4 H	.	F1V	+0.158	−0.132	+.036	− 39V	.	.		R
2789	7 18 5	+ 3 6	−44 0	−11	5.96 H	.	B9	−0.023	−0.003	.		.	.		
2790	7 18 38	+ 3 33	−36 45	−11	5.10	−0.17	B3V	−0.008	+0.000	.	+ 23V	.	.		
2791	7 18 34	+ 3 25	−39 13	−11	5.24 H	.	A1	+0.002	+0.004	+.008	+ 32	.	.		
2792	7 22 14	+ 6 50	+39 0	−11	6.35 R	.	K0	+0.000	−0.043	.	+ 3	.	.		
2793	7 22 3	+ 6 41	+36 46	−11	5.00 R	.	G8III	−0.086	−0.028	+.021	+ 23	6.5	11.2	3	D
2794	7 19 13	+ 3 43	−33 44	−11	6.43 H	.	K0	−0.019	−0.011	.		.	.		
2795	7 21 57	+ 5 54	+20 27	−11	5.06 R	.	gM0	−0.062	−0.031	+.002	+ 4	7.0	17.8	3	D
2796	7 20 58	+ 4 35	−14 21	−11	5.72 H	.	gG5	−0.020	+0.015	.	+ 13	.	.		
2797	7 34 40	+ 18 13	+80 54	−12	6.38 R	.	gG7	−0.006	+0.001	.	− 2	.	.		
2798	7 21 17	+ 4 48	− 8 53	−12	6.50 H	.	F5	+0.036	−0.157	.		.	.		
2799	7 20 54	+ 4 15	−22 51	−11	6.60	−0.16	B3V	+0.007	−0.044	.	+ 10	.	.		
2800	7 20 55	+ 4 4	−26 58	−11	5.84 H	.	B3V	+0.008	+0.016	.	+ 18V	9.0	8.0		

BS = HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
2801		+ 0 1915	57608	9821	.				7 16 56	+ 0 22	216 17	+ 6 53
2802		−25 4400	57615	9809	.	4884			7 16 58	−25 42	239 16	− 5 30
2803	δ VOL	−67 730	57623	9747	1732.	4851			7 16 53	−67 46	279 5	−22 41
2804		+52 1205	57646	9860	.	4909			7 17 9	+52 5	165 44	+26 1
2805	66 AUR	+40 1852	57669	9850	1733.	4905			7 17 13	+40 52	177 40	+23 9
2806		− 8 1872	57682	9823	.	4889			7 17 14	− 8 47	224 24	+ 2 37
2807		− 2 2079	57708	9827	.				7 17 18	− 2 48	219 8	+ 5 29
2808	57 GEM	+25 1660	57727	9843	1735.	4900			7 17 23	+25 15	193 20	+17 47
2809		+66 502	57742	9894	.				7 17 33	+66 32	149 41	+28 15
2810	58 GEM	+23 1698	57744	9844	.	4902			7 17 28	+23 8	195 23	+16 58
2811		− 5 2089	57749	9833	.	4892			7 17 31	− 5 48	221 49	+ 4 6
2812		−18 1806	57821	9836	.	4894			7 17 49	−18 50	233 18	− 2 4
2813		−52 1153	57852	9811	1739.		IA		7 17 57	−52 8	263 35	−17 0
2814		−52 1153	57853	9812	.		IB		7 17 57	−52 8	263 35	−17 0
2815		−51 2445	57917	9818	.	4888			7 18 12	−51 54	263 22	−16 52
2816	59 GEM	+27 1374	57927	9868	.	4913			7 18 20	+27 50	190 54	+18 58
2817		+15 1564	58050	9876	.	4918		VAR?	7 18 46	+15 43	202 31	+14 11
2818	21 LYN	+49 1623	58142	9909	1741.	4936			7 19 10	+49 25	168 42	+25 44
2819		−31 4437	58155	9862	.	4910			7 19 11	−31 44	244 51	− 7 54
2820	1 CMI	+11 1578	58187	9891	1743.	4923			7 19 25	+11 52	206 10	+12 40
2821	60 ι GEM	+28 1385	58207	9897	1744.	4927			7 19 31	+28 0	190 50	+19 16
2822		−27 4020	58215	9870	1745.	4914			7 19 27	−27 38	241 14	− 5 56
2823		−31 4454	58286	9877	.	4919			7 19 43	−32 0	245 9	− 7 56
2824		−29 4322	58325	9883	.	4921			7 20 0	−30 1	243 24	− 6 57
2825		−15 1810	58343	9893	.	4924			7 20 9	−16 0	231 5	+ 0 13
2826		−22 1855	58346	9890	.				7 20 3	−22 43	236 58	− 3 28
2827	31 η CMA	−29 4328	58350	9886	.	4922			7 20 8	−29 6	242 36	− 6 29
2828	2 ε CMI	+ 9 1643	58367	9908	1746.	4935			7 20 11	+ 9 28	208 27	+11 46
2829		−35 3569	58420	9889	.		I		7 20 21	−35 39	248 29	− 9 30
2830		+68 480	58425	9985	1747.	4971			7 20 29	+68 40	147 17	+28 41
2831		−18 1825	58439	9899	.		R1716		7 20 26	−18 49	233 35	− 1 31
2832		−13 2001	58461	9905	1748.	4933			7 20 33	−13 33	228 59	+ 1 3
2833		− 5 2112	58526	9923	.	4942			7 20 55	− 5 35	222 1	+ 4 57
2834		−31 4482	58535	9903	1750.	4932	I		7 20 54	−31 37	244 55	− 7 32
2835		+21 1596	58551	9934	1749.	4946			7 20 56	+21 44	197 3	+17 8
2836		+10 1532	58552	9932	.	4944			7 20 57	+10 49	207 18	+12 32
2837	61 GEM	+20 1805	58579	9937	.	4948			7 21 3	+20 27	198 18	+16 39
2838		− 4 1943	58580	9930	.				7 21 6	− 4 20	220 56	+ 5 35
2839		−21 1925	58585	9916	.		R1724		7 21 3	−21 47	236 15	− 2 49
2840		+11 1588	58599	9935	.				7 21 9	+11 12	206 58	+12 45
2841		−24 5366	58612	9920	.				7 21 17	−25 1	239 7	− 4 19
2842		−37 3549	58634	9912	.		IB		7 21 15	−37 6	249 52	−10 0
2843		−37 3549	58635	9913	.		IA		7 21 15	−37 6	249 52	−10 0
2844		+48 1538	58661	9965	.		6095		7 21 25	+48 23	169 55	+25 52
2845	3 β CMI	+ 8 1774	58715	9947	1753.	4951		VAR?	7 21 44	+ 8 29	209 31	+11 40
2846	63 GEM	+21 1602	58728	9957	1754.	4957	6089		7 21 48	+21 39	197 13	+17 18
2847		−31 4506	58766	9933	.	4945			7 21 53	−31 32	244 57	− 7 18
2848		−86 105	58805	9407	.				7 22 2	−86 52	299 35	−27 8
2849	22 LYN	+49 1630	58855	9992	1757.	4976			7 22 21	+49 53	168 19	+26 21
2850		−23 5477	58907	9952	.				7 22 28	−23 31	237 56	− 3 22

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
2801	7 22 4	+ 5 8	+ 0 11	−11	5.93 R	−0.10	B8	+0.000	+0.003	.		.	.		
2802	7 21 4	+ 4 6	−25 53	−11	5.87	+1.62	gM4	−0.014	+0.021	.	+ 23	.	.		
2803	7 16 50	− 0 3	−67 57	−11	3.97	+0.79	F8II	−0.008	−0.003	−.001	+ 23	.	.		
2804	7 24 57	+ 7 48	+51 53	−12	5.77 R	.	gK5	+0.018	−0.040	.	+ 18	.	.		
2805	7 24 8	+ 6 55	+40 40	−12	5.13 R	.	KOIII	−0.003	−0.026	+.005	+ 21	.	.		
2806	7 22 2	+ 4 48	− 8 58	−11	6.42	−0.20	O9V	+0.004	+0.020	.	+ 23	.	.		
2807	7 22 19	+ 5 1	− 2 59	−11	6.30 H	.	F5	−0.018	+0.003	.		.	.		
2808	7 23 29	+ 6 6	+25 3	−12	4.97 R	.	G8III	−0.065	−0.026	+.022	+ 6	.	.		
2809	7 27 27	+ 9 54	+66 20	−12	6.30 R	−0.09	B9	+0.005	−0.024	.		.	.		
2810	7 23 29	+ 6 1	+22 56	−12	5.96 R	−0.01	A1V	−0.018	−0.039	.	+ 18	.	.		
2811	7 22 25	+ 4 54	− 5 59	−11	5.81	+0.36	gF3	−0.012	−0.005	.	+ 11	.	.		
2812	7 22 13	+ 4 24	−19 1	−11	4.95	−0.04	B7	+0.009	−0.006	.	+ 27	.	.		
2813	7 20 22	+ 2 25	−52 19	−11	6.36 H	.	F2	−0.045	+0.130	+.033		.6	10.5		D
2814	7 20 22	+ 2 25	−52 19	−11	6.99 H	.	F2	−0.050	+0.119	.		.6	10.5		D
2815	7 20 38	+ 2 26	−52 5	−11	5.50 H	.	B9	−0.028	−0.011	.	+ 21V	.	.		
2816	7 24 33	+ 6 13	+27 38	−12	5.64 R	.	g?F0	+0.016	+0.014	.	− 5	.	.		
2817	7 24 28	+ 5 42	+15 31	−12	6.34	−0.12	B3	+0.014	−0.001	.	+ 38	.	.		
2818	7 26 43	+ 7 33	+49 13	−12	4.43 R	.	A1IV	−0.010	−0.050	+.009	+ 26	.	.		
2819	7 23 0	+ 3 49	−31 56	−12	5.42	−0.17	B5n	−0.018	+0.002	.	+ 24	.	.		
2820	7 24 58	+ 5 33	+11 40	−12	5.28 R	+0.10	A4III	−0.016	−0.017	+.012	+ 0	.	.		
2821	7 25 44	+ 6 13	+27 48	−12	3.80	+0.99	KOIII	−0.117	−0.089	+.031	+ 8	.	.		
2822	7 23 29	+ 4 2	−27 50	−12	5.13 H	.	K2	+0.044	+0.002	+.007	+ 48V?	.	.		6
2823	7 23 32	+ 3 49	−32 12	−12	5.38	−0.19	B3	−0.013	+0.002	.	+ 21	.	.		
2824	7 23 55	+ 3 55	−30 13	−12	6.59	−0.20	B3V	−0.022	+0.007	.	+ 7	.	.		
2825	7 24 40	+ 4 31	−16 12	−12	5.33	−0.04	B3Ve	−0.013	−0.011	.	− 5	.	.		
2826	7 24 18	+ 4 15	−22 55	−12	6.20	−0.10	B8	−0.015	−0.003	.		.	.		
2827	7 24 5	+ 3 57	−29 18	−12	2.40	−0.07	B5Ia	−0.007	+0.004	.	+ 41	.	.		
2828	7 25 39	+ 5 28	+ 9 16	−12	4.99	+1.01	G8III	−0.006	−0.014	−.001	− 8	.	.		G
2829	7 23 58	+ 3 37	−35 51	−12	6.34 H	.	B8	−0.024	+0.015	.		6.5	25.4		
2830	7 30 53	+ 10 24	+68 28	−12	5.67 R	.	gK2	−0.006	−0.043	+.009	+ 56	.	.		
2831	7 24 50	+ 4 24	−19 1	−12	6.27 H	.	A2Ib	−0.020	+0.003	.		6.0	2.6		2
2832	7 25 8	+ 4 35	−13 45	−12	5.77	+0.42	F0V	−0.222	−0.006	+.030	+ 7	.	.		
2833	7 25 50	+ 4 55	− 5 47	−12	5.97	+0.93	G3Ib	−0.030	−0.005	.	+ 14	.	.		
2834	7 24 44	+ 3 50	−31 49	−12	5.44 H	.	gK2	−0.024	+0.008	−.026	+ 20	6.1	2.2		
2835	7 26 51	+ 5 55	+21 32	−12	6.38 R	.	dF4	−0.311	−0.025	+.038	+ 47	.	.		6
2836	7 26 28	+ 5 31	+10 37	−12	6.20 R	+0.09	A2V	−0.021	+0.002	.	− 12	.	.		
2837	7 26 57	+ 5 54	+20 15	−12	5.80 R	.	A6n	−0.001	−0.023	.	+ 9V	.	.		6
2838	7 26 4	+ 4 58	− 4 32	−12	6.74	+0.00	B9	+0.007	−0.018	.		.	.		
2839	7 25 20	+ 4 17	−21 59	−12	5.93 H	.	A5p	−0.010	+0.000	.		9.4	2.5		
2840	7 26 41	+ 5 32	+11 0	−12	6.29 R	−0.13	B6IV	+0.009	−0.005	.		.	.		
2841	7 25 26	+ 4 9	−25 13	−12	5.77	−0.11	B9	−0.022	+0.001	.		.	.		
2842	7 24 48	+ 3 33	−37 18	−12	7.07 H	.	A3	+0.010	+0.006	.003D		.1	8.2		
2843	7 24 47	+ 3 32	−37 18	−12	6.99 H	.	A3	−0.027	+0.041	.003D		.1	8.2		
2844	7 28 52	+ 7 27	+48 11	−12	5.52 R	−0.10	B9p	+0.009	−0.055	.		4.0	17.1	3	D
2845	7 27 9	+ 5 25	+ 8 17	−12	2.84	−0.10	B7V	−0.050	−0.042	+.020	+ 22V	.	.		
2846	7 27 44	+ 5 56	+21 27	−12	5.18 R	.	F5IV-V	−0.053	−0.125	+.030	+ 25V	4.2	43.0	3	*
2847	7 25 43	+ 3 50	−31 44	−12	6.30	−0.18	B4	−0.004	+0.005	.	+ 10	.	.		
2848	6 47 2	− 35 0	−87 1	− 9	6.46	+0.42	F2	+0.000	+0.004	.		.	.		
2849	7 29 57	+ 7 36	+49 41	−12	5.35	+0.46	F6V	+0.116	−0.085	+.044	− 27	.	.		
2850	7 26 41	+ 4 13	−23 43	−12	6.50 H	.	A1	−0.007	+0.019	.		.	.		

BS = HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
2851	5 η CMI	+ 7 1729	58923	9970	1763.	4965	6101		7 22 39	+ 7 9	210 51	+11 16
2852	62 ρ GEM	+32 1562	58946	9987	1760.	4973	6109		7 22 41	+31 59	187 8	+21 20
2853		−17 1980	58954	9961	.	4960	6093		7 22 41	−17 40	232 50	+ 0 30
2854	4 γ CMI	+ 9 1660	58972	9974	1762.	4967	6100		7 22 43	+ 9 8	209 2	+12 11
2855		−22 1874	58978	9960	.	4959			7 22 45	−22 53	237 24	− 3 0
2856		−33 3813	59026	9959	.	4958			7 22 59	−33 56	247 12	− 8 13
2857	64 GEM	+28 1396	59037	9997	1764.	4980			7 23 7	+28 19	190 50	+20 7
2858		+15 1579	59059	9988	.	4974			7 23 6	+15 19	203 21	+14 58
2859		−11 1951	59067	9979	.	4968	6104AB	VAR?	7 23 10	−11 21	227 22	+ 2 40
2860		−22 1878	59136	9981	.				7 23 28	−22 39	237 17	− 2 45
2861	65 GEM	+28 1400	59148	10015	1767.	4987	6119		7 23 36	+28 7	191 5	+20 9
2862		−50 2761	59219	9964	1769.	4962			7 23 48	−50 49	262 43	−15 38
2863		−28 4383	59256	9990	.	4975			7 24 1	−28 57	242 53	− 5 40
2864	6 CMI	+12 1567	59294	10024	1770.	4993			7 24 14	+12 13	206 22	+13 52
2865		− 1 1738	59311	10017	.	4988			7 24 15	− 1 42	218 59	+ 7 32
2866		− 7 1996	59380	10023	.	4992			7 24 34	− 7 21	224 1	+ 4 54
2867		−10 2067	59381	10022	.	4991			7 24 37	−10 7	226 27	+ 3 35
2868		−14 1925	59438	10027	1772.	4995	6126		7 24 49	−14 47	230 34	+ 1 21
2869		−37 3601	59466	10011	.				7 24 52	−37 36	250 40	− 9 36
2870		−31 4590	59499	10020	.	4989	IA		7 25 1	−31 39	245 22	− 6 46
2871		−31 4590	59500	10021	.	4990	IB		7 25 2	−31 39	245 22	− 6 46
2872		+39 1958	59507	10061	.	5007			7 25 8	+39 6	180 0	+24 4
2873		−31 4593	59550	10029	.	4996			7 25 13	−31 15	245 2	− 6 32
2874		−22 1897	59612	10043	1775.	5002	R1771		7 25 37	−22 49	237 40	− 2 24
2875		−38 3400	59635	10033	.	4998			7 25 38	−38 36	251 38	− 9 56
2876		− 4 1979	59669	10053	.				7 25 55	− 5 1	222 7	+ 6 19
2877		+17 1596	59686	10073	1776.	5015			7 26 2	+17 18	201 48	+16 26
2878	σ PUP	−43 3260	59717	10040	1778.	5001	IA		7 26 4	−43 6	255 45	−11 55
2879		+23 1744	59878	10092	.	5023	6160		7 26 51	+23 6	196 18	+18 56
2880	7 δ^1 CMI	+ 2 1691	59881	10085	1780.	5019			7 26 54	+ 2 8	215 52	+ 9 55
2881		−30 4620	59890	10071	1779.	5013			7 26 49	−30 45	244 46	− 4 0
2882		−37 3637	59967	10074	.				7 27 10	−37 8	250 28	− 8 58
2883		− 8 1964	59984	10090	.		6158		7 27 18	− 8 40	225 30	+ 4 52
2884		−52 1198	60060	10072	.				7 27 34	−52 26	264 30	−15 47
2885		−35 3650	60098	10089	.				7 27 49	−35 56	249 27	− 8 18
2886	68 GEM	+16 1510	60107	10106	1784.	5033			7 27 54	+16 2	203 11	+16 19
2887	8 δ^2 CMI	+ 3 1715	60111	10104	.	5030			7 27 57	+ 3 30	214 46	+10 47
2888		−64 721	60150	10057	.				7 28 3	−64 18	275 59	−20 27
2889		−35 3652	60168	10094	.				7 28 5	−35 40	249 14	− 8 7
2890	66 α GEM	+32 1581	60178	10120	1785.	5043	6175B		7 28 13	+32 6	187 27	+22 28
2891	66 α GEM	+32 1581	60179	10120	1785.	5042	6175A		7 28 13	+32 6	187 27	+22 28
2892		−54 1294	60228	10083	.				7 28 15	−54 11	266 12	−16 26
2893		+10 1563	60275	10117	.	5040			7 28 35	+10 47	208 11	+14 12
2894		+56 1227	60294	10164	.	5059			7 28 39	+55 59	161 46	+28 23
2895		−35 3659	60312	10102	.		R1797		7 28 44	−35 45	249 23	− 8 2
2896		+31 1620	60318	10137	.	5050	6185		7 28 48	+31 11	188 25	+22 17
2897		−14 1966	60325	10113	.	5035			7 28 46	−14 7	230 27	+ 2 31
2898		+43 1711	60335	10156	.	5057	6191		7 28 54	+43 15	175 48	+25 53
2899		−19 1944	60341	10115	.	5038			7 28 55	−19 12	234 53	+ 0 3
2900		−24 5566	60345	10114	.				7 28 59	−24 30	239 31	− 2 33

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
2851	7 28 2	+ 5 23	+ 6 57	−12	5.32 R	.	gF0	−0.003	−0.047	+.009	+ 18	5.8	4.2		3
2852	7 29 7	+ 6 26	+31 47	−12	4.16	+0.32	F0V	+0.154	+0.172	+.059	− 6	6.4	213.7	4	D
2853	7 27 8	+ 4 27	−17 52	−12	5.70 H	.	A5n	+0.003	+0.014	.	− 29	5.3	2.4		2
2854	7 28 10	+ 5 27	+ 8 56	−12	4.47 R	.	K3III	−0.062	+0.014	+.016	+ 47V	7.7	119.2	3	R
2855	7 26 59	+ 4 14	−23 5	−12	5.48 H	.	B0IV?pe	−0.011	+0.001	.	+ 48	.	.		
2856	7 26 42	+ 3 43	−34 8	−12	5.98 H	.	B5n	−0.031	−0.002	.	+ 7	.	.		
2857	7 29 21	+ 6 14	+28 7	−12	4.99 R	+0.11	A6V	−0.037	−0.059	+.006	+ 35	.	.		G
2858	7 28 47	+ 5 41	+15 7	−12	6.02 R	−0.05	B9V	+0.007	−0.030	.	+ 34	.	.		
2859	7 27 52	+ 4 42	−11 33	−12	5.78	+0.58	G8I-IIb+B	−0.006	−0.003	.	+ 15	2.0	1.0	5	D
2860	7 27 43	+ 4 15	−22 51	−12	5.69 H	−0.12	B8	−0.004	−0.020	.		.	.		
2861	7 29 49	+ 6 13	+27 55	−12	4.92 R	.	K2III	−0.030	−0.027	+.016	+ 36V	8.5	13.9		6
2862	7 26 22	+ 2 34	−51 1	−12	5.09	+1.06	gG8	−0.008	−0.002	+.002	+ 8	.	.		
2863	7 27 59	+ 3 58	−29 9	−12	5.52 H	−0.08	A p	−0.008	+0.006	.	+ 4	.	.		
2864	7 29 48	+ 5 34	+12 1	−12	4.72 R	.	K2III	+0.000	−0.019	+.025	− 15	.	.		
2865	7 29 18	+ 5 3	− 1 54	−12	5.80 H	.	gK5	−0.018	−0.010	.	− 5	.	.		
2866	7 29 26	+ 4 52	− 7 33	−12	5.88	+0.48	dF9	+0.063	+0.130	.	+ 9	.	.		
2867	7 29 22	+ 4 45	−10 19	−12	5.74	+1.63	gK5	−0.009	−0.030	.	− 7	.	.		
2868	7 29 22	+ 4 33	−15 0	−13	6.04	+0.48	dF4	−0.186	−0.255	+.021	− 6	1.6	2.6	5	D
2869	7 28 23	+ 3 31	−37 48	−12	6.57	+0.06	A1	−0.026	−0.053	.		.	.		
2870	7 28 52	+ 3 51	−31 51	−12	6.51 H	.	B3	+0.004	+0.001	.	+ 2	.7	9.4		
2871	7 28 52	+ 3 50	−31 51	−12	7.24 H	.	B3n	−0.040	+0.001	.	+ 4	.7	9.4		
2872	7 31 55	+ 6 47	+38 53	−13	6.44 R	+0.07	A2V	−0.033	−0.019	.	+ 7	.	.		
2873	7 29 5	+ 3 52	−31 27	−12	5.76	−0.20	B2.5IV	−0.018	+0.000	.	+ 8V?	.	.		
2874	7 29 52	+ 4 15	−23 1	−12	4.85	+0.23	A5Ib	−0.003	−0.009	−.008	+ 36	6.2	3.0		
2875	7 29 6	+ 3 28	−38 48	−12	5.42	−0.17	B3IV	−0.029	+0.018	.	+ 26V	.	.		
2876	7 30 51	+ 4 56	− 5 14	−13	6.38 H	.	K0	−0.010	−0.008	.		.	.		
2877	7 31 48	+ 5 46	+17 5	−13	5.50 R	.	gK2	+0.049	−0.084	−.003	− 40	.	.		
2878	7 29 14	+ 3 10	−43 18	−12	3.24	+1.50	K5III	−0.066	+0.183	+.013	+ 88V	5.1	22.7		*
2879	7 32 51	+ 6 0	+22 53	−13	6.31 R	.	K0II-III	−0.021	−0.016	.	+ 30	1.8	11.6		D
2880	7 32 6	+ 5 12	+ 1 55	−13	5.24	+0.22	A8	−0.013	−0.003	+.012	+ 29	.	.		
2881	7 30 42	+ 3 53	−30 58	−13	4.64	+0.92	G1Ib	−0.024	−0.002	+.015	+ 14	.	.		
2882	7 30 42	+ 3 32	−37 21	−13	6.64	+0.63	G5	−0.105	+0.038	.		.	.		
2883	7 32 6	+ 4 48	− 8 53	−13	5.89	+0.54	F5	−0.090	−0.159	.		2.7	23.6		3
2884	7 29 59	+ 2 25	−52 39	−13	5.94 H	.	gG9	−0.039	+0.053	.		.	.		
2885	7 31 26	+ 3 37	−36 9	−13	6.68	−0.12	B5III	−0.011	+0.019	.	+ 21	.	.		
2886	7 33 36	+ 5 42	+15 49	−13	5.11 R	+0.05	A1V	−0.017	−0.017	+.011	+ 13	.	.		
2887	7 33 12	+ 5 15	+ 3 17	−13	5.58	+0.32	A5	−0.019	+0.037	.	+ 1	.	.		
2888	7 28 52	+ 0 49	−64 31	−13	6.38	+1.56	K5	+0.002	−0.018	.		.	.		
2889	7 31 43	+ 3 38	−35 53	−13	6.52 H	.	A0	+0.005	+0.004	.		.	.		
2890	7 34 36	+ 6 23	+31 53	−13	2.85 H	.	A m	−0.165	−0.110	.	− 1V	1.0	7.0	4	*
2891	7 34 36	+ 6 23	+31 53	−13	1.99 H	.	A1V	−0.165	−0.110	+.072	+ 6V	1.0	7.0	4	*
2892	7 30 31	+ 2 16	−54 24	−13	5.94 H	.	K5	+0.008	+0.036	.		.	.		
2893	7 34 6	+ 5 31	+10 34	−13	6.16 R	−0.01	B9.5V	−0.006	−0.012	.	+ 0	.	.		
2894	7 36 47	+ 8 8	+55 46	−13	5.88 R	.	gK2	−0.013	−0.039	.	+ 1	.	.		
2895	7 32 22	+ 3 38	−35 58	−13	6.28 H	.	B9	−0.019	+0.003	.		1.6	.4		
2896	7 35 9	+ 6 21	+30 58	−13	5.18 R	.	K0III	−0.030	+0.008	.003D	− 6	.6	.8	3	D
2897	7 33 22	+ 4 36	−14 20	−13	6.21	−0.04	B1V	−0.012	−0.006	.	+ 22	.	.		
2898	7 35 56	+ 7 2	+43 2	−13	6.25 R	.	F0	−0.021	−0.054	.005D	+ 21	1.6	2.0		2
2899	7 33 19	+ 4 24	−19 25	−13	5.76 H	.	gK3	+0.024	−0.069	.	+ 16	.	.		
2900	7 33 10	+ 4 11	−24 43	−13	5.84	+0.17	A3	−0.011	+0.009	.		.	.		

BS = HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
2901	9 CMI	+ 3 1719	60357	10128	.	5046			7 29 1	+ 3 35	214 49	+11 3
2902		−14 1971	60414	10122	1786.	5045		VAR?	7 29 12	−14 18	230 39	+ 2 31
2903		+46 1286	60437	10168	.	5061			7 29 16	+46 24	172 24	+26 42
2904		+ 3 1723	60489	10141	.	5053			7 29 33	+ 2 56	215 28	+10 52
2905	69 υ GEM	+27 1424	60522	10167	1788.	5060			7 29 46	+27 7	192 36	+21 3
2906		−21 2007	60532	10134	1789.	5048			7 29 46	−22 5	237 30	− 1 12
2907		−39 3398	60559	10123	.				7 29 49	−39 50	253 7	− 9 47
2908		−42 3325	60574	10127	.				7 30 1	−42 52	255 52	−11 10
2909		−23 5709	60584	10144	1791.	5054	6190A		7 30 5	−23 15	238 33	− 1 43
2910		−23 5709	60585	10145	.	5055	6190B		7 30 6	−23 15	238 33	− 1 42
2911		−36 3715	60606	10139	.	5052			7 30 14	−36 7	249 51	− 7 57
2912		−25 4719	60629	10157	.				7 30 22	−25 54	240 53	− 2 57
2913		−33 3926	60646	10150	.				7 30 27	−33 15	247 20	− 6 32
2914		+49 1653	60652	10201	.	5074			7 30 27	+48 59	169 37	+27 27
2915		+40 1903	60654	10193	.	5070			7 30 27	+40 15	179 6	+25 23
2916		−26 4574	60666	10161	.				7 30 30	−26 48	241 41	− 3 22
2917		−39 3407	60686	10148	.				7 30 34	−39 41	253 3	− 9 35
2918		+ 6 1729	60803	10194	.	5073			7 31 15	+ 6 5	212 48	+12 41
2919	ϵ MEN	−78 265	60816	10055	1793.	5006			7 31 8	−78 53	291 1	−25 0
2920		− 7 2065	60853	10192	.				7 31 27	− 8 5	225 29	+ 6 2
2921		−14 1999	60855	10189	.	5068	6208		7 31 28	−14 16	230 54	+ 3 1
2922		−28 4566	60863	10178	.	5064	6205		7 31 22	−28 9	242 58	− 3 52
2923		−21 2030	60951	10196	.				7 31 50	−21 56	237 36	+ 0 42
2924	70 GEM	+35 1662	60986	10237	.	5086	6229		7 31 59	+35 16	184 27	+24 14
2925		−51 2571	61031	10179	.				7 32 6	−51 15	263 42	−14 39
2926		+24 1727	61035	10233	.	5085			7 32 11	+24 35	195 20	+20 38
2927	25 MON	− 3 1979	61064	10217	1798.	5082	B		7 32 18	− 3 53	221 53	+ 8 15
2928		−19 1967	61068	10208	.	5080			7 32 17	−19 29	235 32	+ 0 36
2929	23 LYN	+57 1093	61106	10279	.	5100			7 32 33	+57 19	160 20	+29 5
2930	71 o GEM	+34 1649	61110	10257	1800.	5090			7 32 38	+34 49	184 58	+24 13
2931		+24 1730	61219	10265	.	5094			7 33 10	+24 27	195 33	+20 47
2932		−14 2053	61224	10242	.				7 33 3	−14 13	231 3	+ 3 22
2933		−23 5791	61227	10231	.				7 33 3	−23 33	239 9	− 1 16
2934		−52 1231	61248	10206	1802.	5079			7 33 11	−52 19	264 46	−14 58
2935		+38 1803	61294	10288	.	5104			7 33 31	+38 34	181 4	+25 29
2936		+32 1599	61295	10280	.	5101			7 33 30	+32 14	187 42	+23 34
2937		−34 3755	61330	10246	.	5088	F		7 33 40	−34 45	248 59	− 6 41
2938	74 GEM	+18 1701	61338	10276	1803.	5098		VAR?	7 33 42	+17 54	202 1	+18 21
2939		+48 1561	61363	10305	1804.	5110			7 33 49	+48 22	170 26	+27 52
2940		−48 3069	61391	10241	.				7 33 56	−48 36	261 24	−13 11
2941		−55 1282	61394	10221	.				7 33 54	−55 40	267 57	−16 19
2942		−34 3760	61409	10256	.				7 34 4	−35 3	249 17	− 6 45
2943	10 α CMI	+ 5 1739	61421	10277	1805.	5099	6251	VAR?	7 34 4	+ 5 29	213 41	+13 2
2944		−25 4828	61429	10266	.	5095	6246		7 34 8	−25 8	240 39	− 1 50
2945		−37 3736	61453	10260	.				7 34 13	−37 47	251 43	− 8 3
2946	24 LYN	+59 1103	61497	10343	1806.	5121	6285		7 34 33	+58 57	158 30	+29 31
2947		−18 1946	61554	10290	.				7 34 41	−18 27	234 55	+ 1 36
2948		−26 4707	61555	10281	.	5102	6255A		7 34 43	−26 34	241 57	− 2 26
2949		−26 4707	61556	10283	.	5103	6255B		7 34 44	−26 34	241 57	− 2 26
2950		+ 5 1742	61563	10303	1808.	5108	6263		7 34 48	+ 5 28	213 47	+13 12

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
2901	7 34 16	+ 5 15	+ 3 22	−13	5.78 R	.	A0	−0.013	−0.015	.	+ 34	.	.		
2902	7 33 48	+ 4 36	−14 31	−13	4.98	+1.45	M2labep+B	−0.015	+0.002	−.009	+ 22V	.	.		6
2903	7 36 32	+ 7 16	+46 11	−13	5.65 R	.	gM0	−0.025	−0.041	.	+ 29	.	.		
2904	7 34 46	+ 5 13	+ 2 43	−13	6.45 R	.	A m	−0.045	−0.028	.	+ 46	.	.		
2905	7 35 56	+ 6 10	+26 54	−13	4.07	+1.49	M0III	−0.033	−0.109	+.012	− 21	.	.		
2906	7 34 3	+ 4 17	−22 18	−13	4.44	+0.52	F7IV	−0.043	+0.041	+.047	+ 61	.	.		
2907	7 33 13	+ 3 24	−40 3	−13	6.25	−0.13	B9p?	+0.011	−0.012	.		.	.		
2908	7 33 14	+ 3 13	−43 5	−13	6.42 H	.	K0	−0.003	−0.038	.		.	.		
2909	7 34 19	+ 4 14	−23 28	−13	5.86 H	.	dF4	−0.094	−0.001	+.016	− 5V?	.1	9.4		D
2910	7 34 19	+ 4 13	−23 28	−13	6.01 H	.	dF6	−0.110	−0.013	.	− 6	.1	9.4		D
2911	7 33 51	+ 3 37	−36 20	−13	5.55	−0.08	B3?Vnek	−0.019	−0.001	.	− 10V	.	.		6
2912	7 34 29	+ 4 7	−26 7	−13	6.64	+0.00	A0	−0.020	−0.029	.		.	.		
2913	7 34 13	+ 3 46	−33 28	−13	6.10	+0.29	F0	−0.061	+0.068	.		.	.		
2914	7 37 54	+ 7 27	+48 46	−13	5.84 R	.	A3	−0.024	−0.037	.	+ 10	.	.		
2915	7 37 18	+ 6 51	+40 2	−13	6.34 R	.	M1	−0.003	−0.041	.	+ 31	.	.		
2916	7 34 35	+ 4 5	−27 1	−13	5.76	+1.06	gG8	−0.041	+0.075	.		.	.		
2917	7 33 59	+ 3 25	−39 54	−13	6.62 H	.	K0	−0.025	+0.043	.		.	.		
2918	7 36 34	+ 5 19	+ 5 52	−13	5.90	+0.60	F8	−0.112	+0.008	.	+ 4	.	.		
2919	7 25 38	− 5 30	−79 6	−13	5.52	+1.28	K2	−0.031	+0.009	−.007	+ 11	.	.		
2920	7 36 17	+ 4 50	− 8 18	−13	6.43 H	.	K2	+0.034	+0.001	.		.	.		
2921	7 36 4	+ 4 36	−14 29	−13	5.65	−0.11	B2IV?e?	−0.012	+0.001	.	+ 21	3.0	20.0		*
2922	7 35 23	+ 4 1	−28 22	−13	4.63	−0.12	B8	−0.077	−0.023	.	+ 13	4.1	38.4	3	
2923	7 36 8	+ 4 18	−22 9	−13	6.47 H	.	G5	+0.044	−0.021	.		.	.		
2924	7 38 33	+ 6 34	+35 3	−13	5.49 R	.	gG5	+0.039	+0.025	.	− 36	5.0	162.0	5	
2925	7 34 40	+ 2 34	−51 28	−13	6.31 H	.	A0	−0.015	−0.004	.		.	.		
2926	7 38 14	+ 6 3	+24 22	−13	6.22 R	.	F0	+0.027	+0.009	.	+ 7	.	.		
2927	7 37 16	+ 4 58	− 4 6	−13	5.12	+0.44	F5III	−0.069	+0.017	+.027	+ 46	7.3	26.		1
2928	7 36 41	+ 4 24	−19 42	−13	5.66 H	.	B2III	+0.013	+0.007	.	+ 22	.	.		
2929	7 40 49	+ 8 16	+57 5	−14	6.06 R	.	gK5	−0.014	−0.014	.	− 13	.	.		
2930	7 39 10	+ 6 32	+34 35	−14	4.89	+0.42	F3III	−0.028	−0.116	+.019	+ 7	.	.		
2931	7 39 12	+ 6 2	+24 13	−14	5.94 R	+0.01	A2V	−0.010	−0.002	.	− 11	.	.		
2932	7 37 39	+ 4 36	−14 27	−14	6.51	−0.01	B9	+0.012	−0.006	.		.	.		
2933	7 37 17	+ 4 14	−23 46	−13	6.30 H	.	cF0	−0.015	+0.018	.		.	.		
2934	7 35 39	+ 2 28	−52 32	−13	4.93	+1.40	gK2	+0.016	−0.026	+.006	+ 62V	.	.		6
2935	7 40 15	+ 6 44	+38 20	−14	5.67 R	.	gM0	−0.047	−0.013	.	+ 46	.	.		
2936	7 39 54	+ 6 24	+32 0	−14	6.09 R	.	F0	−0.015	−0.050	.	+ 25	.	.		6
2937	7 37 22	+ 3 42	−34 59	−14	4.52	−0.09	B8V	−0.027	+0.012	.	+ 24	1.0	.4	3	
2938	7 39 28	+ 5 46	+17 40	−14	5.07 R	.	gM0	+0.007	−0.001	+.003	+ 28V?	.	.		
2939	7 41 12	+ 7 23	+48 8	−14	5.63 R	.	gG6	−0.044	−0.136	+.009	+ 40	.	.		
2940	7 36 44	+ 2 48	−48 49	−13	5.71	−0.06	B9	−0.012	+0.004	.		.	.		
2941	7 36 1	+ 2 7	−55 53	−13	6.38	+1.18	G5	−0.006	+0.006	.		.	.		
2942	7 37 45	+ 3 41	−35 17	−14	6.59	+1.14	K0	−0.036	+0.010	.		.	.		
2943	7 39 18	+ 5 14	+ 5 14	−15	0.34	+0.40	F5IV	−0.706	−1.032	+.288	− 3V	11.2	80.7	4	*
2944	7 38 18	+ 4 10	−25 22	−14	4.68	−0.11	B9	−0.008	−0.010	.	+ 41V	.4	.1		
2945	7 37 45	+ 3 32	−38 0	−13	6.28 H	.	K2	−0.001	+0.056	.		.	.		
2946	7 43 1	+ 8 28	+58 43	−14	4.95 R	.	A3III	−0.037	−0.055	+.017	+ 9	4.5	54.8		
2947	7 39 7	+ 4 26	−18 41	−14	6.44 H	−0.10	B9	−0.020	−0.028	.		.	.		
2948	7 38 49	+ 4 6	−26 48	−14	4.50 H	−0.19	B8	−0.019	+0.015	.010D	+ 24	.0	10.0	3	D
2949	7 38 50	+ 4 6	−26 48	−14	4.62 H	.	B5n	−0.031	+0.024	.010D	+ 33	.0	10.0	3	D
2950	7 40 7	+ 5 19	+ 5 14	−14	5.79 R	.	A0	−0.009	−0.025	+.008	+ 16V	.3	1.5		*

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
2951		+23 1780	61603	10318	.	5115			7 34 59	+23 15	196 55	+20 43
2952		−39 3463	61623	10278	.				7 34 59	−39 45	253 32	− 8 52
2953		+14 1721	61630	10317	.	5114			7 35 9	+14 0	205 53	+17 2
2954		−36 3773	61641	10291	.	5106			7 35 7	−36 16	250 28	− 7 10
2955		−38 3521	61642	10284	.				7 35 3	−38 33	252 28	− 8 17
2956		−26 4722	61672	10300	.				7 35 21	−26 38	242 5	− 2 21
2957		−48 3091	61715	10289	.	5105			7 35 29	−48 22	261 18	−12 51
2958		− 7 2118	61749	10331	.				7 35 45	− 7 57	225 54	+ 7 2
2959		−14 2082	61772	10328	1812.	5117			7 35 49	−15 2	232 5	+ 3 33
2960		−19 2003	61774	10322	.		6273		7 35 50	− 9 26	235 54	+ 1 21
2961		−38 3531	61831	10311	.	5111			7 35 56	−38 5	252 8	− 7 54
2962		+34 1657	61859	10354	.	5129			7 36 15	+34 14	185 49	+24 45
2963		−37 3767	61878	10316	.	5113	I		7 36 12	−37 55	252 1	− 7 47
2964		−37 3768	61899	10323	.	5116			7 36 16	−38 2	252 8	− 7 49
2965		+13 1737	61885	10349	.	5125			7 36 16	+13 43	206 16	+17 10
2966		+ 3 1758	61887	10347	.	5124		VAR?	7 36 20	+ 3 52	215 25	+12 48
2967		+14 1729	61913	10351	1815.	5127		VAR?	7 36 25	+14 27	205 36	+17 30
2968		−37 3770	61925	10332	.	5118			7 36 24	−37 21	251 32	− 7 28
2969		+50 1460	61931	10377	1816.	5137			7 36 30	+50 40	167 57	+28 43
2970	26 α MON	− 9 2172	61935	10345	1817.	5123			7 36 28	− 9 19	227 11	+ 6 31
2971		−52 1242	61966	10312	.				7 36 36	−53 3	265 41	−14 49
2972		−27 4393	61987		.				7 36 40	−27 43	243 10	− 2 38
2973	75 σ GEM	+29 1590	62044	10373	1821.	5136		VAR?	7 37 4	+29 8	191 10	+23 16
2974		−31 4910	62058	10346	.			R PUP	7 37 0	−31 26	246 26	− 4 26
2975	51 CAM	+65 593	62066	10420	.	5158			7 37 7	+65 42	150 45	+30 11
2976		−21 2077	62082	10352	.				7 37 6	−22 6	238 22	+ 0 16
2977	49 CAM	+63 733	62140	10422	.	5160			7 37 24	+63 4	153 48	+30 9
2978		+22 1756	62141	10378	.	5138			7 37 25	+22 39	197 44	+21 1
2979		−73 457	62153	10269	.		IA		7 37 25	−74 3	286 7	−23 8
2980		−73 457	62154	10269	.		IB		7 37 25	−74 3	286 7	−23 8
2981		−38 3556	62226	10355	.	5130			7 37 45	−38 18	252 31	− 7 42
2982		+ 0 2054	62264	10381	.	5139	6313		7 37 57	+ 0 26	218 43	+11 33
2983	76 GEM	+26 1633	62285	10392	1822.	5145			7 38 1	+26 1	194 25	+22 23
2984		−44 3655	62318	10363	.				7 38 14	−44 24	257 57	−10 34
2985	77 κ GEM	+24 1759	62345	10403	1824.	5149	6321		7 38 25	+24 38	195 51	+21 58
2986		−38 3564	62376	10374	.				7 38 27	−38 18	252 35	− 7 35
2987		+13 1750	62407	10407	.	5150			7 38 39	+13 6	207 7	+17 26
2988		−26 4824	62412	10385	.	5140			7 38 40	−26 7	242 1	− 1 27
2989		+ 2 1761	62437	10410	.	5153			7 38 55	+ 2 39	216 50	+12 48
2990	78 β GEM	+28 1463	62509	10438	1826.	5166	6335	VAR?	7 39 12	+28 16	192 14	+23 25
2991	79 GEM	+20 1893	62510	10437	.	5165			7 39 17	+20 33	199 59	+20 36
2992		−25 4966	62555	10413	.		I		7 39 29	−25 16	241 22	+ 0 52
2993	1 PUP	−28 4767	62576	10409	1828.	5151	6324	VAR?	7 39 30	−28 10	243 52	− 2 19
2994		−35 3809	62578	10401	.	5147			7 39 32	−35 49	250 31	− 6 10
2995		−38 3583	62595	10400	.				7 39 37	−38 38	252 59	− 7 33
2996	3 PUP	−28 4774	62623	10417	1830.	5155			7 39 48	−28 43	244 23	− 2 33
2997		+80 238	62613	10590	1829.	5222			7 39 46	+80 31	133 41	+29 26
2998		−44 3675	62644	10402	1831.	5148			7 39 51	−44 55	258 34	−10 34
2999		+37 1769	62647	10460	1832.	5175			7 39 59	+37 46	182 19	+26 29
3000		−77 321	62689	10329	.				7 40 6	−77 24	289 37	−24 6

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
2951	7 40 58	+ 5 59	+23 1	−14	6.05 R	.	K5	−0.011	−0.004	.	+ 39	.	.		
2952	7 38 25	+ 3 26	−39 59	−14	6.58	−0.05	A0	+0.005	+0.016	.		.	.		
2953	7 40 46	+ 5 37	+13 46	−14	6.37 R	.	K0	+0.010	−0.021	.	+ 5	.	.		
2954	7 38 44	+ 3 37	−36 30	−14	5.79	−0.17	B5	−0.014	−0.001	.	+ 19V?	.	.		
2955	7 38 33	+ 3 30	−38 47	−14	6.20	+1.02	G5	+0.022	−0.030	.		.	.		
2956	7 39 27	+ 4 6	−26 52	−14	6.23 H	−0.16	B8	−0.015	−0.003	.		.	.		
2957	7 38 19	+ 2 50	−48 36	−14	5.65 H	.	cF	−0.007	+0.005	.	+ 11	.	.		
2958	7 40 35	+ 4 50	− 8 11	−14	6.00	+0.15	A2	+0.015	−0.038	.		.	.		
2959	7 40 23	+ 4 34	−15 16	−14	5.15 H	.	K3II	−0.010	−0.024	+.000	+ 0	.	.		
2960	7 40 14	+ 4 24	−19 40	−14	6.08 H	.	K0	+0.008	+0.009	.		5.2	9.3		1
2961	7 39 27	+ 3 31	−38 19	−14	4.84	−0.20	B3n	−0.022	+0.002	.	+ 26	.	.		
2962	7 42 44	+ 6 29	+34 0	−14	5.97 R	.	F0	−0.076	−0.009	.	− 11V	.	.		R
2963	7 39 44	+ 3 32	−38 9	−14	5.74 H	.	B5	−0.027	+0.009	.006D	+ 30	2.7	1.5		2
2964	7 39 48	+ 3 32	−38 16	−14	5.75	−0.08	B3n	−0.019	+0.002	.	+ 23	.	.		
2965	7 41 52	+ 5 36	+13 29	−14	5.93 R	.	M1	−0.039	−0.025	.	+ 7	.	.		
2966	7 41 35	+ 5 15	+ 3 38	−14	5.87 R	.	A0	+0.013	−0.026	.	− 24	.	.		
2967	7 42 3	+ 5 38	+14 13	−14	5.56	+1.64	M3s	−0.004	−0.012	+.003	− 16	.	.		G
2968	7 39 58	+ 3 34	−37 35	−14	5.99	−0.04	B3IV	−0.007	−0.012	.	+ 23V	.	.		
2969	7 44 4	+ 7 34	+50 26	−14	5.27 R	.	A0	−0.009	−0.035	+.015	+ 6V	.	.		6
2970	7 41 15	+ 4 47	− 9 33	−14	3.93	+1.02	K0III	−0.075	−0.022	+.019	+ 11	.	.		
2971	7 39 1	+ 2 25	−53 17	−14	6.05	−0.12	A0si?	−0.018	+0.003	.		.	.		
2972	7 40 43	+ 4 3	−27 57	−14	6.55 H	−0.18	B8	+0.006	−0.021	.		.	.		
2973	7 43 19	+ 6 15	+28 53	−15	4.17 R	.	K1III	+0.070	−0.235	+.017	+ 46V	.	.		R
2974	7 40 53	+ 3 53	−31 40	−14	6.64 H	.	G0Ia	+0.009	+0.010	.		.	.		
2975	7 46 41	+ 9 34	+65 28	−14	5.90 R	.	gK2	+0.035	+0.019	.	− 29	.	.		
2976	7 41 24	+ 4 18	−22 20	−14	6.43 H	.	M1	+0.022	−0.007	.		.	.		
2977	7 46 27	+ 9 3	+62 50	−14	6.32 R	.	gF0	−0.034	−0.060	.	+ 2	.	.		
2978	7 43 22	+ 5 57	+22 25	−14	6.21 R	.	K0III	−0.024	+0.008	.	− 3	.	.		
2979	7 35 22	− 2 3	−74 17	−14	7.16 H	.	B9	−0.007	+0.004	.010D		.1	2.1		D
2980	7 35 22	− 2 3	−74 17	−14	7.26 H	.	B9	−0.007	+0.004	.010D		.1	2.1		D
2981	7 41 16	+ 3 31	−38 32	−14	5.48 H	.	B3	−0.025	+0.011	.	+ 40V	.	.		R
2982	7 43 5	+ 5 8	+ 0 12	−14	6.20 R	.	K0III	+0.007	−0.012	.	+ 8	2.0	.7		2
2983	7 44 7	+ 6 6	+25 47	−14	5.24 R	.	K5III	−0.016	−0.019	+.005	+ 3	.	.		
2984	7 41 22	+ 3 8	−44 38	−14	6.42 H	.	B9	+0.000	−0.004	.		.	.		
2985	7 44 27	+ 6 2	+24 24	−14	3.57	+0.93	G8III	−0.027	−0.054	+.025	+ 21	4.5	6.8		2
2986	7 41 58	+ 3 31	−38 32	−14	6.24 H	.	B8	−0.025	+0.000	.		.	.		
2987	7 44 14	+ 5 35	+12 52	−14	6.37 R	.	K0	−0.023	−0.047	.	+ 26	.	.		
2988	7 42 48	+ 4 8	−26 21	−14	5.78 H	.	gG8	−0.007	−0.031	.	− 18	.	.		
2989	7 44 7	+ 5 12	+ 2 25	−14	6.29 R	.	F0	−0.049	−0.023	.	+ 15	.	.		
2990	7 45 19	+ 6 7	+28 1	−15	1.15	+1.00	K0III	−0.623	−0.052	+.093	+ 3	7.7	201.1	7	*
2991	7 45 9	+ 5 52	+20 19	−14	6.26 R	+0.00	A0V	−0.011	+0.003	.	− 12	.	.		
2992	7 43 39	+ 4 10	−25 30	−14	6.66 H	.	A3	+0.000	−0.008	.		7.3	5.3		
2993	7 43 32	+ 4 2	−28 24	−14	4.58	+1.63	gK5	−0.017	+0.021	+.012	+ 33	8.7	26.7		7
2994	7 43 12	+ 3 40	−36 3	−14	5.58	−0.14	B8	−0.027	+0.006	.	− 1	.	.		
2995	7 43 7	+ 3 30	−38 52	−14	6.73 H	.	G5	+0.001	−0.020	.		.	.		
2996	7 43 49	+ 4 1	−28 57	−14	3.96	+0.16	A3IIep	−0.009	−0.005	+.019	+ 25V	.	.		R
2997	7 56 18	+ 16 32	+80 16	−15	6.56	+0.73	dG8	−0.474	+0.076	+.069	− 8	.	.		
2998	7 42 57	+ 3 6	−45 10	−15	5.05	+0.78	G5IV	−0.072	−0.563	+.050	+ 23V?	.	.		
2999	7 46 39	+ 6 40	+37 31	−15	5.26 R	.	gM3	+0.025	+0.007	−.007	− 35	.	.		
3000	7 36 4	− 4 2	−77 38	−14	6.17	+1.73	K2	−0.008	+0.036	.		.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
3001		−37 3820	62712	10421	.	5159			7 40 10	−37 58	252 27	− 7 7
3002		−40 3377	62713	10425	1834.	5162			7 40 18	−40 41	254 51	− 8 26
3003	81 GEM	+18 1733	62721	10456	1833.	5173			7 40 20	+18 45	201 51	+20 8
3004		−24 5885	62747	10445	.				7 40 22	−24 26	240 45	+ 0 16
3005		−49 3014	62756	10416	.				7 40 23	−49 45	262 57	−12 47
3006		−58 967	62758	10397	.	5146			7 40 20	−58 24	270 55	−16 43
3007		−35 3825	62781	10440	.				7 40 30	−35 49	250 37	− 5 59
3008	11 CMI	+11 1670	62832	10463	1836.	5178		VAR?	7 40 46	+11 1	209 19	+17 0
3009	2 PUP	−14 2193	62863	10453	.		6348B		7 40 53	−14 27	232 12	+ 4 54
3010	2 PUP	−14 2194	62864	10455	.		6348A		7 40 53	−14 27	232 12	+ 4 54
3011		−37 3841	62893	10450	.	5171			7 41 1	−37 42	252 18	− 6 50
3012		−57 1305	62897	10423	.				7 41 0	−57 59	270 34	−16 27
3013	80 π GEM	+33 1585	62898	10482	1837.	5182	6364		7 41 4	+33 40	186 45	+25 32
3014		− 6 2281	62902	10465	.	5179			7 41 9	− 6 32	225 19	+ 8 54
3015	4 PUP	−14 2199	62952	10469	1838.	5180			7 41 1	−14 19	232 6	+ 5 0
3016		−37 3861	62991	10458	.	5174			7 41 31	−37 39	252 19	− 6 44
3017		−37 3863	63032	10462	1840.	5177			7 41 42	−37 44	252 24	− 6 44
3018		−33 4113	63077	10473	1841.	5181			7 41 51	−33 59	249 9	− 4 50
3019		−12 2135	63112	10486	.				7 42 4	−12 26	230 35	+ 6 10
3020		−43 3534	63118	10472	.				7 42 5	−43 31	257 31	− 9 32
3021	82 GEM	+23 1812	63208	10517	.	5191	6378		7 42 35	+23 23	197 29	+22 23
3022		−37 3886	63215	10485	.	5184			7 42 36	−37 42	252 28	− 6 34
3023		−22 2027	63271	10501	.	5188			7 42 55	−22 16	239 11	+ 1 21
3024	ζ VOL	−72 627	63295	10444	1847.	5168	I		7 43 3	−72 22	284 34	−22 9
3025		−39 3587	63308	10497	.				7 43 7	−39 49	254 21	− 7 33
3026		−15 2049	63302	10507	.				7 43 5	−15 44	233 35	+ 4 42
3027		−15 2052	63323	10514	.				7 43 12	−15 46	233 37	+ 4 43
3028		+54 1177	63332	10561	.	5208			7 43 13	+54 23	163 53	+30 14
3029	5 PUP	−11 2106	63336	10522	.	5193	6381		7 43 16	−11 57	230 19	+ 6 39
3030		+13 1772	63352	10539	.	5201			7 43 26	+13 38	207 8	+18 42
3031		−56 1420	63382	10491	.		I		7 43 30	−56 29	269 20	−15 29
3032		−39 3595	63401	10506	.				7 43 36	−39 5	253 46	− 7 6
3033		+ 4 1826	63435	10541	.	5203			7 43 42	+ 4 35	215 38	+14 46
3034		−25 5081	63462	10532	.	5197	6384		7 43 56	−25 41	242 14	+ 0 13
3035		−38 3650	63465	10523	1847.1	5194	I		7 43 53	−38 16	253 5	− 6 38
3036		−65 806	63513	10487	.				7 44 6	−65 50	278 11	−19 29
3037		−46 3435	63578	10533	.	5198			7 44 30	−46 22	260 15	−10 34
3038		−69 770	63584	10484	.				7 44 31	−69 35	281 52	−20 58
3039		+55 1228	63586	10608	.	5225			7 44 38	+55 28	162 39	+30 33
3040		+33 1601	63589	10579	.	5219		VAR?	7 44 37	+33 30	187 11	+26 11
3041		−40 3490	63640	10542	.			T PUP	7 44 44	−40 24	255 1	− 7 34
3042		−12 2164	63655	10560	.				7 44 50	−13 6	231 31	+ 6 24
3043		−24 6022	63660	10556	1849.	5207			7 44 50	−24 40	241 28	+ 0 29
3044	6 PUP	−16 2146	63697	10569	.	5214			7 45 10	−16 58	234 54	+ 4 31
3045	7 ξ PUP	−24 6030	63700	10562	1851.	5209	6393		7 45 5	−24 37	241 27	+ 0 34
3046		−46 3451	63744	10553	1852.	5206			7 45 22	−46 50	260 44	−10 40
3047		− 8 2096	63752	10578	.	5218			7 45 22	− 8 56	227 57	+ 8 37
3048		−19 2085	63754	10572	.		6398		7 45 22	−19 57	237 29	+ 3 1
3049		−34 3970	63786	10568	.				7 45 31	−35 0	250 25	− 4 42
3050		+ 3 1818	63799	10592	.	5223	6405		7 45 31	+ 3 32	216 49	+14 41

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	″				″	″	″	km/s		″		
3001	7 43 43	+ 3 33	−38 12	−14	6.44 H	.	B7	−0.033	+0.004	.	− 6	.	.		
3002	7 43 42	+ 3 24	−40 56	−15	5.16	+1.10	gK3	+0.128	−0.189	−.001	+ 53	.	.		
3003	7 46 7	+ 5 47	+18 30	−15	4.90	+1.45	K5III	−0.075	−0.062	+.016	+ 81V	.	.		6
3004	7 44 34	+ 4 12	−24 40	−14	5.61	−0.20	B1V	−0.030	+0.012	.	+ 15	.	.		
3005	7 43 7	+ 2 44	−49 59	−14	6.58 H	.	A0	−0.015	−0.010	.		.	.		
3006	7 42 10	+ 1 50	−58 38	−14	6.44 H	.	B5IV	−0.013	+0.002	.	− 4V	.	.		6
3007	7 44 9	+ 3 39	−36 3	−14	5.80	+0.31	dF2	−0.091	+0.073	.		.	.		
3008	7 46 16	+ 5 30	+10 46	−15	5.22 R	+0.01	A1V	−0.029	−0.026	+.019	+ 31V	.	.		
3009	7 45 29	+ 4 36	−14 42	−15	6.80 H	.	A0	−0.017	−0.020	.		.8	16.9	3	D
3010	7 45 29	+ 4 36	−14 42	−15	6.06 H	.	A0	−0.016	−0.028	.		.8	16.9	3	D
3011	7 44 35	+ 3 34	−37 56	−14	5.88	−0.14	B8	−0.026	+0.002	.	+ 37	.	.		
3012	7 42 53	+ 1 53	−58 13	−14	6.20 H	.	K0	−0.033	+0.028	.		.	.		
3013	7 47 31	+ 6 27	+33 25	−15	5.14 R	.	gM0	−0.013	−0.033	+.013	− 12	5.1	92.0	3	D
3014	7 46 3	+ 4 54	− 6 47	−15	5.49	+1.38	K5III	+0.055	−0.095	.	− 33	.	.		
3015	7 45 37	+ 4 36	−14 34	−15	5.03	+0.34	A6n	−0.013	+0.006	+.023	− 2	.	.		
3016	7 45 5	+ 3 34	−37 54	−15	6.53	−0.10	B5n	−0.031	+0.005	.	+ 24	.	.		
3017	7 45 16	+ 3 34	−37 59	−15	3.60	+1.73	cK	−0.015	−0.001	+.000	+ 17	.	.		
3018	7 45 35	+ 3 44	−34 11	−12	5.36	+0.60	G0V	−0.293	+1.663	+.057	+102	.	.		
3019	7 46 45	+ 4 41	−12 41	−15	6.38	−0.02	B9	+0.016	−0.002	.		.	.		
3020	7 45 18	+ 3 13	−43 46	−15	6.02	−0.08	B5-8	−0.013	−0.002	.	+ 35	.	.		
3021	7 48 34	+ 5 59	+23 8	−15	6.13 R	.	dF3+A	−0.008	+0.003	.	− 5	7.5	4.1		
3022	7 46 10	+ 3 34	−37 57	−15	5.88	−0.12	B9	−0.043	+0.002	.	+ 28	.	.		
3023	7 47 13	+ 4 18	−22 31	−15	5.89	−0.20	B1IV	−0.012	+0.004	.	+ 7	.	.		
3024	7 41 49	− 1 14	−72 36	−14	3.94	+1.03	K0III	+0.026	+0.012	+.011	+ 48	5.1	17.0		7
3025	7 46 34	+ 3 27	−40 4	−15	6.65 H	.	B3V	−0.014	−0.003	.		.	.		
3026	7 47 38	+ 4 33	−15 59	−15	6.71 H	.	G8Iab	−0.003	−0.001	.		.	.		
3027	7 47 45	+ 4 33	−16 1	−15	6.77 H	.	M2II-III	+0.001	−0.003	.		.	.		
3028	7 51 6	+ 7 53	+54 8	−15	5.96 R	.	dF6	−0.038	+0.046	.	− 2	.	.		
3029	7 47 57	+ 4 41	−12 12	−15	5.52 H	.	dF5	−0.113	+0.057	.013D	+ 27	2.1	3.8		D
3030	7 49 2	+ 5 36	+13 23	−15	6.12 R	.	K0	+0.053	−0.048	.	− 57	.	.		G
3031	7 45 35	+ 2 5	−56 44	−15	6.11	+0.40	F0	+0.002	+0.012	.		4.9	36.6		7
3032	7 47 5	+ 3 29	−39 20	−15	6.31	−0.17	B9	−0.019	−0.007	.		.	.		
3033	7 48 58	+ 5 16	+ 4 20	−15	6.44 R	.	G0	−0.037	−0.032	.	− 6	.	.		
3034	7 48 5	+ 4 9	−25 56	−15	4.46	−0.06	B0V?pe	−0.011	+0.002	.	+ 16	8.5	27.7		
3035	7 47 25	+ 3 32	−38 31	−15	5.08	−0.12	B3	−0.014	−0.002	−.011	+ 12	5.1	11.0		7
3036	7 44 44	+ 0 38	−66 5	−15	6.37	+0.95	G5	−0.017	+0.039	.		.	.		
3037	7 47 31	+ 3 1	−46 37	−15	5.25	−0.13	B1V	−0.018	−0.004	.	+ 36V	.	.		
3038	7 44 13	− 0 18	−69 50	−15	6.17	−0.06	A0	−0.050	+0.007	.		.	.		
3039	7 52 37	+ 7 59	+55 13	−15	6.30 R	.	A0	−0.003	−0.044	.	+ 16	.	.		
3040	7 51 3	+ 6 26	+33 15	−15	6.00 R	+0.15	A m	−0.014	−0.004	.	− 10	.	.		
3041	7 48 9	+ 3 25	−40 39	−15	5.96 H	.	M1	−0.011	−0.031	.		.	.		
3042	7 49 29	+ 4 39	−13 21	−15	6.12 H	−0.09	B9	−0.037	−0.020	.		.	.		
3043	7 49 2	+ 4 12	−24 55	−15	5.32	+0.76	gG3	−0.030	+0.015	+.028	+ 2V	.	.	6	
3044	7 49 41	+ 4 31	−17 13	−15	5.54 H	.	K3III	+0.054	−0.118	.	+ 44	.	.		
3045	7 49 17	+ 4 12	−24 52	−15	3.34	+1.23	G3Ib	−0.005	−0.002	−.003	+ 3V	9.8	5.4		6
3046	7 48 21	+ 2 59	−47 5	−15	4.70	+1.06	K0III	−0.097	−0.082	+.001	− 1V?	.	.		
3047	7 50 10	+ 4 48	− 9 11	−15	5.78 H	.	gK3	−0.003	+0.002	.	− 7	.	.		
3048	7 49 45	+ 4 23	−20 12	−15	6.55	+0.58	G0	−0.051	−0.109	.		8.8	4.5		
3049	7 49 14	+ 3 43	−35 15	−15	6.06 H	.	A0	−0.007	+0.007	.		.	.		
3050	7 50 46	+ 5 15	+ 3 17	−15	6.17	+1.12	K1III	+0.052	−0.032	.003D	− 48	.0	.2		*

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
3051		−19 2089	63822	10582	.				7 45 40	−19 17	236 57	+ 3 25
3052		−32 4451	63852	10574	.				7 45 46	−33 2	248 45	− 3 39
3053		+19 1854	63889	10619	.	5226			7 46 8	+19 35	201 37	+21 43
3054		−10 2253	63894	10606	.				7 46 11	−10 53	229 45	+ 7 49
3055		−46 3458	63922	10576	.	5217	I		7 46 11	−46 7	260 10	−10 11
3056		−56 1437	63926	10563	.		I		7 46 11	−56 13	269 16	−15 2
3057		−44 3762	63948	10583	.				7 46 19	−44 30	258 46	− 9 22
3058		−46 3460	63949	10575	.	5216			7 46 12	−46 36	260 36	−10 25
3059	13 ζ CMI	+ 2 1808	63975	10622	1855.	5228			7 46 31	+ 2 1	218 19	+14 11
3060		−24 6060	64042	10613	.		6414		7 46 47	−24 17	241 22	+ 1 4
3061		+ 3 1824	64052	10630	.	5231			7 46 52	+ 3 32	216 59	+14 59
3062		−56 1442	64067	10589	.	5221	I		7 46 58	−56 9	269 15	−14 54
3063	8 PUP	−12 2179	64077	10627	.	5229			7 47 0	−12 34	231 19	+ 7 8
3064	9 PUP	−13 2267	64096	10629	1856.	5230	6420		7 47 8	−13 38	232 16	+ 6 37
3065	25 LYN	+47 1498	64106	10659	.	5247			7 47 13	+47 39	171 41	+29 57
3066	26 LYN	+47 1499	64144	10666	.	5251			7 47 26	+47 49	171 30	+30 0
3067	83 φ GEM	+27 1499	64145	10653	.	5242			7 47 23	+27 1	194 12	+24 42
3068		−20 2235	64152	10632	.	5232			7 47 22	−20 55	238 34	+ 2 55
3069		−44 3780	64181	10623	.				7 47 32	−44 20	258 43	− 9 6
3070		−60 908	64185	10601	.		I		7 47 34	−60 2	272 52	−16 37
3071		−50 3004	64225	10618	.				7 47 41	−50 15	263 58	−10 0
3072		− 5 2280	64235	10649	.	5238	F	VAR?	7 47 52	− 5 10	224 56	+11 1
3073	10 PUP	−14 2250	64238	10640	.	5234			7 47 43	−14 35	233 9	+ 6 15
3074		−42 3601	64287	10637	.	5233			7 48 4	−42 50	257 28	− 8 15
3075		+74 338	64307	10745	1861.	5275			7 48 14	+74 11	140 52	+30 43
3076		−59 910	64320	10620	.				7 48 13	−59 48	272 42	−16 26
3077		+56 1253	64347	10700	.	5265			7 48 21	+56 46	161 12	+31 10
3078		−42 3610	64365	10641	.	5235			7 48 23	−42 38	257 19	− 8 6
3079		−34 4036	64379	10651	1864.	5241	I		7 48 32	−34 27	250 16	− 3 53
3080		−40 3579	64440	10655	1867.	5243			7 48 47	−40 19	255 21	−06 52
3081		−65 827	64484	10628	.				7 49 1	−65 56	278 31	−19 5
3082		+79 265	64486	10808	1868.	5311	B		7 49 4	+79 45	134 28	+29 57
3083		+35 1705	64491	10701	.	5266			7 49 10	+35 41	185 7	+27 42
3084		−38 3769	64503	10661	1869.1	5249			7 49 6	−38 36	253 54	− 5 56
3085		−36 3989	64572	10670	1871.	5252			7 49 23	−36 6	251 46	− 4 35
3086	85 GEM	+20 1946	64648	10707	1873.	5268			7 49 50	+20 9	201 25	+22 44
3087		+ 9 1815	64685	10710	.	5269			7 50 6	+ 9 8	212 9	+18 14
3088		−54 1420	64722	10673	.				7 50 7	−54 6	267 37	−13 32
3089		−49 3137	64740	10686	.	5256			7 50 15	−49 21	263 23	−11 12
3090		−47 3396	64760	10689	.	5258			7 50 22	−47 51	262 4	−10 26
3091		−35 4002	64802	10695	.	5263			7 50 29	−35 37	251 28	− 4 9
3092		−34 4091	64876	10709	.				7 50 54	−34 35	250 38	− 3 32
3093		+ 4 1860	64938	10734	.	5271			7 51 7	+ 4 44	216 23	+16 28
3094		+44 1693	64958	10757	.	5281			7 51 15	+44 15	175 42	+30 2
3095	1 CNC	+16 1590	64960	10742	.	5274			7 51 19	+16 3	205 38	+21 26
3096		−30 5275	64974		.				7 51 17	−30 39	247 19	− 1 24
3097		+ 9 1824	65066	10751	.	5277			7 51 50	+ 8 54	212 34	+18 31
3098		+ 1 1959	65123	10755	1877.2	5279	6483		7 52 8	+ 1 24	219 34	+15 8
3099		−29 5189	65183	10749	.				7 52 24	−30 1	246 55	+ 0 52
3100		−52 1333	65189	10733	.				7 52 26	−52 19	266 11	−12 22

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
3051	7 50 5	+ 4 25	−19 32	−15	6.40 H	.	K0	−0.006	−0.004	.		.	.		
3052	7 49 35	+ 3 49	−33 17	−15	5.70 H	.	K5	−0.049	+0.004	.		.	.		
3053	7 51 57	+ 5 49	+19 20	−15	5.97 R	.	gK1	−0.052	−0.038	.	+ 39	.	.		
3054	7 50 55	+ 4 44	−11 8	−15	6.32 H	.	K0	+0.003	−0.042	.		.	.		
3055	7 49 14	+ 3 3	−46 22	−15	4.10	−0.20	B0.5III	−0.010	+0.001	.	+ 24	5.5	60.0		D
3056	7 48 19	+ 2 8	−56 28	−15	6.18 H	.	K0+A2	−0.029	−0.001	.		2.2	1.1		
3057	7 49 28	+ 3 9	−44 45	−15	6.28 H	.	K0	−0.058	−0.001	.		.	.		
3058	7 49 13	+ 3 1	−46 51	−15	5.84	−0.16	B2	−0.010	+0.006	.	+ 25	.	.		
3059	7 51 42	+ 5 11	+ 1 46	−15	5.13	−0.12	B8	−0.013	−0.005	+.009	+ 32	.	.		
3060	7 51 0	+ 4 13	−24 32	−15	6.42 H	.	A0	−0.012	−0.027	.		4.0	1.2		
3061	7 52 7	+ 5 15	+ 3 17	−15	6.42 R	.	M4	+0.046	−0.085	.	− 62	.	.		
3062	7 49 7	+ 2 9	−56 24	−15	5.54 H	.	K0	−0.007	+0.003	.	+ 22V	5.5	6.9		6
3063	7 51 41	+ 4 41	−12 49	−15	6.46 H	.	F2	−0.003	−0.013	.	+ 21	.	.		
3064	7 51 46	+ 4 38	−13 54	−16	5.16	+0.60	G1V	−0.060	−0.340	+.065	− 18V	.6	.6		*
3065	7 54 29	+ 7 16	+47 23	−16	6.23 R	.	gK2	−0.015	−0.001	.	− 63	.	.		
3066	7 54 43	+ 7 17	+47 33	−16	5.55 R	.	gK4	−0.044	−0.004	.	+ 17	.	.		
3067	7 53 30	+ 6 7	+26 45	−16	4.96 R	+0.12	A3V	−0.031	−0.036	.	+ 8V	.	.		5
3068	7 51 43	+ 4 21	−21 10	−15	5.61	+0.96	gG8	−0.062	+0.023	.	+ 32	.	.		
3069	7 50 42	+ 3 10	−44 35	−15	6.36 H	.	K0	−0.031	+0.017	.		.	.		
3070	7 49 13	+ 1 39	−60 17	−15	5.77	+0.42	F2	−0.068	+0.146	.		8.2	21.5		1
3071	7 50 24	+ 2 43	−50 30	−15	5.82 H	.	K5	−0.069	−0.053	.		.	.		
3072	7 52 48	+ 4 56	− 5 26	−16	5.76	+0.42	gF5	−0.022	−0.029	.	− 2	.5	.4		
3073	7 52 19	+ 4 36	−14 50	−15	5.69 H	.	cF3	−0.013	−0.004	.	+ 17	.	.		
3074	7 51 21	+ 3 17	−43 5	−15	6.31	−0.18	B3	+0.003	−0.014	.	+ 14	.	.		
3075	8 0 12	+ 11 58	+73 55	−16	5.42	+1.42	K3III	−0.008	−0.038	+.020	+ 35	.	.		
3076	7 49 55	+ 1 42	−60 3	−15	6.71	+1.24	K0	−0.002	+0.017	.		.	.		
3077	7 56 27	+ 8 6	+56 30	−16	6.49 R	.	A0	+0.001	−0.028	.	+ 28V	.	.		6
3078	7 51 41	+ 3 18	−42 53	−15	6.04	−0.21	B3	−0.024	+0.000	.	+ 32	.	.		
3079	7 52 16	+ 3 44	−34 42	−15	5.01	+0.44	F5V	−0.201	+0.241	+.067	+ 28	4.0	3.1		*
3080	7 52 13	+ 3 26	−40 35	−16	3.70	+1.02	G5III	−0.016	+0.003	+.023	+ 24V	.	.		R
3081	7 49 41	+ 0 40	−66 11	−15	5.78	−0.04	B9	−0.005	−0.006	.	+ 11	.	.		
3082	8 4 47	+ 15 43	+79 29	−16	5.32 R	.	A0	−0.027	−0.052	+.012	+ 3	8.0	7.		2
3083	7 55 41	+ 6 31	+35 25	−16	6.14 R	+0.28	A p	−0.062	−0.016	.	+ 28	.	.		
3084	7 52 38	+ 3 32	−38 52	−16	4.49	−0.20	B3V	−0.011	−0.008	+.006	− 21V	.	.		6
3085	7 53 4	+ 3 41	−36 22	−16	5.46 H	.	gK0	−0.012	−0.007	+.028	+ 12	.	.		
3086	7 55 40	+ 5 50	+19 53	−16	5.31 R	−0.04	B9.5V	−0.017	−0.045	+.006	+ 13V?	.	.		
3087	7 55 32	+ 5 26	+ 8 52	−16	5.85	+0.36	d?F4	−0.013	−0.090	.	+ 22	.	.		
3088	7 52 30	+ 2 23	−54 22	−16	5.69	−0.16	B2III	−0.011	−0.001	.	+ 18	.	.		
3089	7 53 4	+ 2 49	−49 37	−16	4.62	−0.24	B2III	−0.007	+0.012	.	+ 8	.	.		
3090	7 53 18	+ 2 56	−48 7	−16	4.24	−0.15	B1Ib	−0.005	−0.003	.	+ 41	.	.		
3091	7 54 11	+ 3 42	−35 53	−16	5.49	−0.20	B5	−0.009	−0.012	.	+ 28	.	.		
3092	7 54 40	+ 3 46	−34 51	−16	6.13 H	.	K2	−0.017	−0.021	.		.	.		
3093	7 56 24	+ 5 17	+ 4 28	−16	6.18	+0.98	G8III	−0.006	−0.001	.	+ 17	.	.		
3094	7 58 16	+ 7 1	+43 59	−16	6.34 R	.	K0	+0.040	+0.009	.	− 49	.	.		
3095	7 57 0	+ 5 41	+15 47	−16	5.81 R	.	gK3	−0.030	−0.049	.	+ 10	.	.		
3096	7 55 15	+ 3 58	−30 55	−16	6.52 H	.	K0	+0.060	+0.060	.		.	.		
3097	7 57 15	+ 5 25	+ 8 38	−16	5.98 R	.	K0III	+0.006	−0.020	.	− 36	.	.		
3098	7 57 17	+ 5 9	+ 1 8	−16	6.34	+0.50	dF6	−0.174	−0.004	+.000	− 0	.2	.5		D
3099	7 56 23	+ 3 59	−30 17	−16	6.36 H	.	M4	+0.001	−0.034	.		.	.		
3100	7 55 0	+ 2 34	−52 35	−16	6.37	−0.02	B9	−0.017	+0.013	.		.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
3101		−43 3737	65211	10741	.	5273	I		7 52 32	−43 35	258 32	− 7 56
3102	11 PUP	−22 2087	65228	10756	1881.	5280			7 52 34	−22 37	240 39	+ 3 4
3103		+ 7 1879	65241	10766	.				7 52 44	+ 7 29	214 1	+18 5
3104		+46 1598	65257	10773	.	5292			7 52 49	+46 76	172 18	+30 49
3105		−56 1468	65273	10735	1883.	5272			7 52 49	−57 2	270 27	−14 37
3106		+59 1130	65301	10809	.	5312			7 52 58	+59 19	158 14	+31 54
3107		−40 3655	65315	10753	.	5278			7 52 57	−40 28	255 53	− 6 15
3108		+84 169	65299	11031	.	5390			7 53 2	+84 21	129 16	+29 9
3109	53 CAM	+60 1105	65339	10822	.	5316			7 53 10	+60 36	156 44	+31 56
3110	14 CMI	+ 2 1833	65345	10776	1884.	5295			7 53 10	+ 2 29	218 42	+15 52
3111		−42 3717	65442	10763	.				7 53 37	−42 8	257 23	− 7 1
3112		+63 749	65448	10851	.	5328			7 53 33	+63 22	153 28	+31 58
3113		−29 5236	65456	10774	1887.	5293		VAR?	7 53 41	−30 4	247 6	+ 0 39
3114		−43 3758	65460	10765	.	5288			7 53 41	−43 14	258 20	− 7 35
3115		+13 1811	65522	10801	.	5306			7 54 0	+13 31	208 23	+20 59
3116		−43 3766	65551	10775	.	5294	I		7 54 4	−43 50	258 54	− 7 50
3117	χ CAR	−52 1343	65575	10770	1888.1	5291			7 54 14	−52 43	266 41	−12 19
3118		−47 3457	65598	10778	.	5296	I		7 54 22	−47 37	262 12	− 9 44
3119		+57 1118	65626	10864	1891.	5333			7 54 27	+57 33	160 20	+32 2
3120		−60 935	65662	10768	.				7 54 37	−60 15	273 30	−15 56
3121		−45 3611	65685	10790	1894.	5300			7 54 43	−45 18	260 13	− 8 29
3122	27 MON	− 3 2157	65695	10811	1893.	5313			7 54 44	− 3 24	224 14	+13 23
3123	12 PUP	−22 2104	65699	10805	1895.	5310			7 54 48	−23 2	241 16	+ 3 17
3124	2 ω CNC	+25 1812	65714	10844	.	5323			7 54 53	+25 40	196 14	+25 49
3125		+20 1976	65735	10841	.	5321			7 54 59	+20 5	201 59	+23 50
3126		−58 1028	65750	10780	.				7 54 58	−58 51	272 14	−15 14
3127		+23 1866	65757	10849	.	5327	6513		7 55 3	+23 52	198 7	+25 14
3128	3 CNC	+17 1731	65759	10845	.	5324			7 55 4	+17 35	204 30	+22 53
3129	V PUP	−48 3349	65818	10802	.	5307	I	V PUP	7 55 22	−48 58	263 28	−10 17
3130		+35 1731	65801	10869	.	5336			7 55 25	+35 41	185 30	+28 55
3131		−18 2118	65810	10825	1899.	5317			7 55 23	−18 7	237 9	+ 6 0
3132	4 CNC	+25 1816	65856	10871	.	5338			7 55 42	+25 22	196 37	+25 53
3133		−51 2784	65867	10807	.				7 55 40	−51 11	265 26	−11 22
3134	5 CNC	+16 1612	65873	10868	.	5335			7 55 48	+16 44	205 25	+22 42
3135		− 2 2379	65875	10856	.	5329			7 55 42	− 2 36	223 38	+13 59
3136		+ 5 1857	65900	10865	.	5334	B		7 55 57	+ 5 9	216 35	+17 44
3137		−44 3920	65904	10820	.	5314			7 55 51	−44 57	260 2	− 8 8
3138		−59 944	65907	10804	1902.	5309			7 55 56	−60 2	273 23	−15 41
3139		−62 925	65908	10793	.	5303			7 55 56	−63 2	276 8	−17 7
3140		−38 3908	65925	10830	1903.	5318			7 55 57	−39 1	254 57	− 5 0
3141	28 MON	− 0 1882	65953	10870	1904.	5337			7 56 8	− 1 7	222 21	+14 48
3142		−49 3243	66005	10832	.	5319	IA		7 56 23	−49 42	264 12	−10 31
3143		−49 3244	66006	10834	.	5320	IB		7 56 24	−49 42	264 12	−10 30
3144		+ 9 1843	66011	10880	.	5342			7 56 25	+ 9 11	212 50	+19 39
3145		+ 2 1854	66141	10891	1908.	5344			7 57 4	+ 2 37	219 4	+16 48
3146		−45 3662	66190	10872	.				7 57 10	−45 11	260 21	− 8 4
3147		−60 1006	66194	10848	.	5326			7 57 10	−60 33	273 56	−15 48
3148		−48 3384	66210	10875	.				7 57 21	−48 42	263 24	− 9 52
3149	χ GEM	+28 1532	66216	10912	1912.	5350			7 57 23	+28 4	193 54	+27 8
3150		− 5 2339	66242	10900	1913.				7 57 31	− 6 3	226 56	+12 40

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
3101	7 55 47	+ 3 15	−43 51	−16	6.02	−0.14	B5n	−0.021	−0.002	.	+ 14	.2	.4		2
3102	7 56 52	+ 4 18	−22 53	−16	4.20	+0.72	F8II	−0.028	+0.005	+.015	+ 14	.	.		
3103	7 58 6	+ 5 22	+ 7 13	−16	6.30 R	+0.02	B9	−0.021	−0.010	.		.	.		
3104	8 0 2	+ 7 13	+47 0	−16	5.95 R	.	K0	−0.004	−0.007	.	− 1	.	.		
3105	7 54 53	+ 2 4	−57 18	−16	5.62	+1.31	gK4	−0.080	+0.019	+.004	+ 26	.	.		
3106	8 1 21	+ 8 23	+59 3	−16	5.71 R	.	d?F2	+0.018	+0.028	.	− 40	.	.		
3107	7 56 24	+ 3 27	−40 44	−16	6.78	−0.19	B3n	+0.011	−0.004	.	+ 14	.	.		
3108	8 16 55	+ 23 53	+84 4	−17	6.35 R	.	A0	−0.006	−0.018	.	− 3	.	.		
3109	8 1 42	+ 8 32	+60 20	−16	6.00	+0.13	A p	−0.028	−0.022	.	− 5V	.	.		
3110	7 58 21	+ 5 11	+ 2 13	−16	5.28	+0.91	K0III	−0.160	+0.097	+.024	+ 46	.	.		
3111	7 56 58	+ 3 21	−42 24	−16	5.95 H	.	K2	+0.021	+0.020	.		.	.		
3112	8 2 31	+ 8 58	+63 6	−16	6.02 R	.	gG1	−0.011	−0.022	.	+ 20	.	.		
3113	7 57 40	+ 3 59	−30 20	−16	4.78	+0.15	A2V	−0.010	+0.003	+.019	+ 28	.	.		
3114	7 56 58	+ 3 17	−43 30	−16	5.42 H	.	B3	−0.007	+0.009	.	+ 28V	.	.		6
3115	7 59 35	+ 5 35	+13 15	−16	6.05 R	.	K2	−0.018	−0.016	.	+ 27	.	.		
3116	7 57 18	+ 3 14	−44 6	−16	5.08	−0.20	B3	−0.004	+0.004	.	+ 16	7.5	9.8	3	
3117	7 56 47	+ 2 33	−52 59	−16	3.46	−0.19	B2IV	−0.034	+0.020	−.03	+ 19	.	.		
3118	7 57 20	+ 2 58	−47 53	−16	6.21	−0.12	B5	−0.029	+0.010	.007D	+12	.9	1.2		2
3119	8 2 36	+ 8 9	+57 16	−17	6.40 R	.	dF8	−0.025	−0.068	+.026	+ 26V	.	.		R
3120	7 56 18	+ 1 41	−60 31	−16	5.73	+1.55	K2	−0.013	+0.010	.		.	.		
3121	7 57 52	+ 3 9	−45 34	−16	5.16	+1.27	gK4	−0.016	+0.016	+.004	+ 51V	.	.		6
3122	7 59 44	+ 5 0	− 3 40	−16	4.93	+1.21	K2III	−0.054	+0.000	+.025	− 29	.	.		
3123	7 59 5	+ 4 17	−23 18	−16	5.10	+1.12	cK2	−0.011	−0.002	−.008	+ 11	.	.		
3124	8 0 56	+ 6 3	+25 24	−16	5.75 R	.	gG8	+0.016	−0.001	.	+ 2	.	.		
3125	8 0 49	+ 5 50	+19 49	−16	6.14 R	.	K1III	+0.001	−0.019	.	+ 28	.	.		
3126	7 56 51	+ 1 53	−59 7	−16	6.03 H	.	K5	−0.026	−0.025	.		.	.		
3127	8 1 1	+ 5 58	+23 35	−17	6.39 R	.	K1III-IV	−0.023	−0.029	.010D	+ 25	4.5	2.8		2
3128	8 0 48	+ 5 44	+17 19	−16	5.55 R	.	gK3	−0.009	−0.010	.	+ 41	.	.		
3129	7 58 14	+ 2 52	−49 14	−16	4.1 H	−0.18	B2n	−0.020	+0.004	.	+ 20V	5.3	7.0	3	*
3130	8 1 55	+ 6 30	+35 24	−17	6.14 R	.	K0	−0.040	−0.013	.	− 16	.	.		
3131	7 59 52	+ 4 29	−18 23	−16	4.62	+0.08	A3V	−0.009	−0.047	+.015	− 12	.	.		G
3132	8 1 44	+ 6 2	+25 5	−17	6.16 R	+0.01	A1V	−0.018	+0.016	.	− 9	.	.		
3133	7 58 21	+ 2 41	−51 27	−16	6.38 H	.	F0	−0.054	+0.030	.		.	.		
3134	8 1 30	+ 5 42	+16 27	−17	5.86 R	−0.02	B9V	+0.006	−0.011	.	− 16V	.	.		6
3135	8 0 44	+ 5 2	− 2 52	−16	6.48	−0.06	B3p	−0.015	+0.012	.	+ 33V	.	.		
3136	8 1 14	+ 5 17	+ 4 52	−17	5.62 R	.	A0	−0.039	+0.007	.	+ 46	6.7	30.4		
3137	7 59 1	+ 3 10	−45 13	−16	5.98	−0.17	B5	−0.020	−0.008	.	− 3	.	.		
3138	7 57 47	+ 1 51	−60 18	−16	5.59	+0.57	G2V	+0.515	+0.115	+.059	+ 13	4.3	48.	3	
3139	7 57 12	+ 1 16	−63 18	−16	6.13	−0.11	B8	−0.019	+0.009	.	+ 23	.	.		
3140	7 59 29	+ 3 32	−39 17	−16	5.23	+0.40	dF6	−0.090	−0.046	+.031	− 8	.	.		
3141	8 1 13	+ 5 5	− 1 24	−17	4.68	+1.50	K4III	+0.058	−0.075	+.007	+ 27	.	.		
3142	7 59 12	+ 2 49	−49 58	−16	6.43 H	.	B5	−0.010	+0.011	.	+ 13V?	.2	17.0		D
3143	7 59 13	+ 2 49	−49 58	−16	6.65 H	.	B5	−0.017	+0.009	.	+ 23V?	.2	17.0		D
3144	8 1 51	+ 5 26	+ 8 54	−17	6.04 R	.	F5	−0.006	+0.025	.	+ 4	.	.		
3145	8 2 16	+ 5 12	+ 2 21	−16	4.40	+1.25	K2III	−0.031	+0.102	+.018	+ 71	.	.		
3146	8 0 20	+ 3 10	−45 28	−17	6.55 H	.	K0	−0.001	−0.003	.		.	.		
3147	7 58 50	+ 1 40	−60 49	−16	5.80	−0.11	B3en	−0.010	+0.011	.	− 3V	.	.		G
3148	8 0 15	+ 2 54	−48 58	−16	6.02	+0.04	A2	−0.025	+0.043	.		.	.		
3149	8 3 31	+ 6 8	+27 47	−17	4.89 R	.	K2III	−0.021	−0.045	+.014	− 11V	.	.		6
3150	8 2 26	+ 4 55	− 6 20	−17	6.32	+0.62	G0	+0.007	−0.022	+.003		.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
3151		−48 3388	66255	10878	.				7 57 34	−48 36	263 20	− 9 47
3152		−59 954	66341	10874	.	5340			7 57 54	−59 56	273 25	−15 26
3153		−60 1018	66342	10873	1914.	5339			7 57 55	−60 19	273 46	−15 37
3154		−36 4116	66358	10894	.				7 57 58	−37 0	253 27	− 3 36
3155		−36 4120	66435	10907	.				7 58 26	−36 46	253 18	− 3 24
3156		−53 1505	66441	10889	.	5343			7 58 22	−53 52	268 1	−12 22
3157		−54 1470	66546	10903	.	5347	I		7 58 57	−54 14	268 23	−12 29
3158		+19 1911	66552	10948	.	5360			7 58 59	+19 7	203 21	+4 20
3159		−63 866	66591	10893	.	5345			7 59 4	−63 17	276 32	−16 55
3160		−32 4766	66598	10938	.		I		7 59 10	−32 11	249 31	+ 0 48
3161		−55 1419	66607	10910	.				7 59 11	−55 11	269 14	−12 56
3162		−40 3776	66624	10932	.		IA		7 59 18	−41 2	257 0	− 5 32
3163	8 CNC	+13 1831	66664	10959	1917.1	5366			7 59 30	+13 24	209 6	+22 9
3164		+27 1536	66684	10967	.		6569	VAR?	7 59 29	+27 49	194 20	+27 29
3165	ζ PUP	−39 3939	66811	10947	.	5359			8 0 4	−39 43	255 58	− 4 42
3166		−42 3832	66812	10946	.				8 0 9	−42 40	258 29	− 6 16
3167	28 LYN	+43 1770	66824	10995	.	5377			8 0 14	+43 33	176 50	+31 30
3168	14 PUP	−19 2228	66834	10964	.	5369			8 0 15	−19 26	238 53	+ 6 17
3169	9 CNC	+23 1887	66875	10988	.	5373			8 0 23	+22 55	199 35	+26 2
3170		−32 4796	66888	10960	1919.	5368			8 0 22	−32 24	249 50	+ 0 42
3171		−72 654	66920	10898	.				8 0 30	−72 58	285 44	−21 12
3172		− 0 1903	66950	10986	.				8 0 43	− 0 17	222 10	+16 13
3173	27 LYN	+51 1391	67006	11018	1920.	5382	6600		8 0 56	+51 48	167 11	+32 39
3174		− 8 2222	67159	11006	.		6588		8 1 38	− 8 57	230 2	+12 4
3175		+58 1102	67224	11050	.	5399			8 1 52	+58 33	159 10	+33 2
3176	10 μ CNC	+22 1862	67228	11021	1923.	5383			8 1 53	+21 52	200 49	+25 59
3177		−33 4525	67243	11002	.		I		8 1 53	−33 17	250 45	+ 0 55
3178		−50 3138	67249	10987	.				8 1 54	−50 18	265 11	−10 4
3179		−46 3764	67341	10999	.				8 2 15	−46 41	262 6	− 8 6
3180		−52 1376	67364	10997	1924.	5379			8 2 28	−52 49	267 25	−11 18
3181		+42 1819	67370	11049	.	5398			8 2 31	+42 43	177 53	+31 47
3182		+68 524	67447	11100	1926.	5416			8 2 52	+68 46	147 1	+32 31
3183		−20 2395	67456	11027	1927.	5387	I		8 2 53	−20 16	239 56	+ 6 21
3184	12 CNC	+14 1831	67483	11047	.	5397			8 3 7	+13 56	208 59	+23 10
3185	15 ρ PUP	−23 6828	67523	11034	1930.	5394	R2136	ρ PUP	8 3 17	−24 1	243 9	+ 4 24
3186		−62 953	67536	11005	.	5380	I		8 3 18	−62 33	276 7	−16 8
3187		−44 4051	67582	11026	1931.	5386		VAR?	8 3 28	−44 58	260 46	− 7 0
3188	29 ζ MON	− 2 2450	67594	11051	1932.	5400	6617		8 3 34	− 2 42	224 43	+15 39
3189		−10 2400	67725	11067	.				8 4 12	−11 3	232 12	+11 31
3190		−19 2262	67751	11066	.				8 4 18	−20 4	239 57	+ 6 44
3191	14 ψ CNC	+25 1865	67767	11091	1936.	5413			8 4 26	+25 49	196 52	+27 53
3192	16 PUP	−18 2190	67797	11071	.	5407			8 4 34	−18 57	239 2	+ 7 24
3193		+39 2065	67827	11107	.	5420			8 4 44	+39 2	182 13	+31 30
3194		−15 2280	67880	11081	.	5411	6632		8 4 54	−15 57	236 31	+ 9 4
3195		−37 4288	67888	11070	.				8 4 58	−37 23	254 32	− 2 38
3196		−29 5620	67921	11076	.				8 5 5	−30 2	248 24	+ 1 26
3197		+82 235	67934	11296	.	5490			8 5 13	+82 44	130 58	+29 53
3198		+15 1775	67959	11114	.	5422			8 5 22	+14 56	208 14	+24 5
3199		−35 4256	67977	11085	.				8 5 23	−35 9	252 43	− 1 20
3200		+56 1278	68077	11158	.	5440			8 5 52	+56 45	161 19	+33 34

BS= HR	RA (2000)	$\Delta\alpha$ 100 YR	DEC (2000)	$\Delta\delta$ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
3151	8 0 29	+ 2 55	−48 53	−17	6.16 H	.	A si	−0.023	+0.008	.		.	.		
3152	7 59 40	+ 1 46	−60 13	−17	6.32	−0.07	B8	+0.003	+0.000	.	+ 23	.	.		
3153	7 59 38	+ 1 43	−60 36	−17	5.16	+1.72	M0II	+0.001	+0.007	−.009	+ 24	.	.		
3154	8 1 37	+ 3 39	−37 17	−17	5.95	+0.14	A3	−0.025	+0.006	.		.	.		
3155	8 2 7	+ 3 41	−37 3	−17	6.30 H	.	M1	+0.008	−0.005	.		.	.		
3156	8 0 50	+ 2 28	−54 9	−17	5.89 H	.	B8	−0.026	+0.000	.	+ 0V?	.	.		
3157	8 1 23	+ 2 26	−54 31	−17	5.99 H	.	B4V	−0.025	+0.016	.	+ 19V	2.2	40.5		*
3158	8 4 46	+ 5 47	+18 50	−17	6.08 R	−0.05	B9.5V	−0.033	−0.022	.	+ 31	.	.		
3159	8 0 20	+ 1 16	−63 34	−17	4.82	−0.17	B3IV	−0.001	+0.016	.	+ 21	.	.		
3160	8 3 4	+ 3 54	−32 28	−17	5.80 H	.	gG8	−0.022	−0.003	.		2.2	34.8		
3161	8 1 31	+ 2 20	−55 28	−17	6.30 H	.	B8	−0.020	−0.012	.		.	.		
3162	8 2 44	+ 3 26	−41 19	−17	5.55 H	.	B9si	−0.010	+0.008	.		2.1	29.1		4
3163	8 5 4	+ 5 34	+13 7	−17	5.11 R	+0.00	A0IV	−0.034	−0.071	+.021	+ 22V	.	.		6
3164	8 5 37	+ 6 8	+27 32	−17	6.12 R	−0.02	A0V	+0.004	−0.013	.007D		.9	3.6		D
3165	8 3 35	+ 3 31	−40 0	−17	2.25	−0.26	O5f	−0.031	+0.012	.	− 24	.	.		G
3166	8 3 29	+ 3 20	−42 57	−17	6.25 H	.	K0	−0.034	−0.017	.		.	.		
3167	8 7 10	+ 6 56	+43 16	−17	6.20 R	.	A0	−0.004	−0.034	.	+ 9V	.	.		R
3168	8 4 41	+ 4 26	−19 43	−17	6.12	−0.17	B3V	+0.004	+0.001	.	+ 14	.	.		
3169	8 6 18	+ 5 55	+22 38	−17	6.04 R	.	gM3	−0.006	−0.010	.	+ 26	.	.		
3170	8 4 16	+ 3 54	−32 41	−17	5.40 H	.	cM1	−0.008	+0.003	+.017	+ 36	.	.		
3171	7 59 16	− 1 14	−73 15	−17	6.33	+0.14	A2	+0.004	−0.040	.		.	.		
3172	8 5 49	+ 5 6	− 0 34	−17	6.60 H	.	K0	−0.022	−0.014	.		.	.		
3173	8 8 27	+ 7 31	+51 31	−17	4.85 R	.	A2V	−0.057	−0.007	−.014	+ 5	8.0	47.7	3	
3174	8 6 27	+ 4 49	− 9 14	−17	6.00	−0.04	A0	+0.000	−0.014	.		2.3	31.0	4	D
3175	8 10 4	+ 8 12	+58 15	−18	6.82 R	.	gK4	−0.021	−0.079	.	+ 34	.	.		
3176	8 7 46	+ 5 53	+21 35	−17	5.36 R	+0.67	G2IV	+0.022	−0.076	+.033	− 36	.	.		
3177	8 5 45	+ 3 52	−33 34	−17	6.00 H	.	G5	−0.011	+0.009	.		2.2	22.3	3	D
3178	8 4 42	+ 2 48	−50 35	−17	6.00 H	.	K0	−0.009	−0.016	.		.	.		
3179	8 5 20	+ 3 5	−46 58	−17	6.18	−0.16	B5Vn	−0.005	−0.013	.	+ 24V?	.	.		
3180	8 5 4	+ 2 36	−53 6	−17	5.52	+1.34	K2	+0.026	−0.010	+.014	+ 18	.	.		
3181	8 9 23	+ 6 52	+42 25	−18	6.30 R	.	gK3	−0.004	−0.077	.	+ 38	.	.		
3182	8 12 49	+ 9 57	+68 28	−18	5.36 R	.	G8II	+0.003	+0.007	+.021	− 9	.	.		
3183	8 7 18	+ 4 25	−20 33	−17	5.37	+0.10	A3m	−0.016	−0.009	−.006	+ 12	9.2	13.8		
3184	8 8 42	+ 5 35	+13 39	−17	6.16 R	.	dF3	+0.000	−0.022	.	− 10	.	.		
3185	8 7 33	+ 4 16	−24 18	−17	2.88 H	.	F6IIp	−0.086	+0.047	+.031	+ 47V	10.6	29.6		
3186	8 4 43	+ 1 25	−62 50	−17	6.29	−0.12	B4Vn	−0.010	+0.013	.	+ 0V?	1.2	87.1		D
3187	8 6 41	+ 3 13	−45 15	−17	5.02 H	.	gM0	−0.010	−0.004	−.017	+ 25	.	.		
3188	8 8 36	+ 5 2	− 2 59	−17	4.35	+0.97	G2Ib	−0.019	−0.006	−.003	+ 30	3.5	67.1	4	D
3189	8 8 57	+ 4 45	−11 21	−18	6.31	+0.00	B9	−0.006	−0.014	.		.	.		
3190	8 8 43	+ 4 25	−20 22	−18	6.35	+0.16	A p	−0.010	−0.002	.		.	.		
3191	8 10 27	+ 6 1	+25 31	−18	5.73 R	+0.83	dG6	−0.065	−0.352	+.029	− 43	.	.		
3192	8 9 2	+ 4 28	−19 15	−18	4.40	−0.17	B5V	−0.016	−0.009	.	+ 19V	.	.		
3193	8 11 22	+ 6 38	+38 44	−18	6.39 R	.	G0	−0.098	−0.066	.	+ 26	.	.		
3194	8 9 28	+ 4 34	−16 15	−18	5.67	−0.18	B3s	−0.016	−0.009	.	+ 33	6.7	6.0		
3195	8 8 38	+ 3 40	−37 41	−18	6.40	−0.06	B5III	−0.018	−0.012	.		.	.		
3196	8 9 6	+ 4 1	−30 20	−18	6.64	+1.41	K5	+0.021	−0.004	.		10.8	1.1		7
3197	8 24 33	+ 19 20	+82 25	−19	6.14 R	.	A0	−0.013	−0.029	.	− 16	.	.		
3198	8 10 59	+ 5 37	+14 38	−18	6.09 R	+0.02	A2V	−0.026	−0.020	.	+ 24	.	.		
3199	8 9 10	+ 3 47	−35 27	−18	6.20 H	.	G5	−0.005	+0.011	.		.	.		
3200	8 13 50	+ 7 58	+56 27	−18	5.76 R	.	gG9	−0.017	−0.036	.	+ 7	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
3201		+10 1746	68099	11124	.				8 5 49	+10 7	213 1	+22 9
3202	18 PUP	−13 2420	68146	11118	1939.	5425			8 6 2	−13 30	234 34	+10 37
3203		−48 3516	68161	11096	.				8 6 11	−48 23	263 55	− 8 27
3204		−43 3998	68217	11104	.	5418			8 6 18	−43 50	260 5	− 5 58
3205		−42 3944	68242	11111	.		IA		8 6 24	−42 21	258 50	− 5 8
3206		−46 3846	68243	11103	.	5417	IB		8 6 24	−47 3	262 48	− 7 42
3207	γ VEL	−46 3847	68273	11105	.	5419	IA	VAR?	8 6 27	−47 3	262 48	− 7 41
3208	16 ζ^1 CNC	+18 1867	68257	11141	1941.	5432	6650A		8 6 29	+17 57	205 17	+25 31
3209	16 ζ^1 CNC	+18 1867	68255	11141	.		6650B		8 6 29	+17 57	205 17	+25 31
3210	16 ζ^2 CNC	+18 1867	68256	11142	.	5433	6650C		8 6 29	+17 57	205 17	+25 31
3211	19 PUP	−12 2385	68290	11134	1943.	5427	6647		8 6 35	−12 38	233 53	+11 11
3212		− 7 2378	68312	11138	1944.	5430			8 6 41	− 7 28	229 23	+13 54
3213		−47 3653	68324	11117	.	5424			8 6 41	−47 39	263 20	− 7 59
3214		+14 1850	68332	11150	.	5435			8 6 47	+14 18	209 1	+24 8
3215	15 CNC	+30 1664	68351	11163	.	5442			8 6 57	+29 57	192 35	+29 42
3216		+76 310	68375	11246	.	5474			8 6 59	+76 4	138 28	+31 36
3217		−63 896	68423	11097	.	5414			8 7 7	−63 30	277 12	−16 14
3218		−55 1467	68434	11119	.				8 7 14	−55 47	270 22	−12 16
3219		−36 4291	68450	11139	.		I		8 7 20	−37 0	254 28	− 2 2
3220		−60 1074	68456	11115	1946.	5423			8 7 21	−61 0	274 58	−14 57
3221		+60 1119	68457	11199	.	5459	6680		8 7 25	+60 41	156 35	+33 41
3222		+16 1662	68461	11165	.	5443			8 7 19	+16 49	206 32	+25 16
3223	ϵ VOL	−68 736	68520	11098	.	5415	I		8 7 37	−68 19	281 37	−18 33
3224		+23 1913	68543	11176	.	5447			8 7 46	+23 27	199 41	+27 49
3225		−39 4084	68553	11149	1949.	5434		VAR?	8 7 47	−39 19	256 27	− 3 14
3226		−42 3979	68601	11155	1953.	5439	I		8 8 3	−42 41	259 17	− 5 4
3227		−48 3576	68657	11154	.	5438			8 8 10	−48 10	263 55	− 8 3
3228		+18 1882	68703	11189	.	5454	6673		8 8 28	+17 58	205 29	+25 58
3229	20 PUP	−15 2324	68752	11184	1956.	5450			8 8 44	−15 29	236 37	+10 6
3230		−29 5738	68758	11177	.				8 8 43	−29 36	248 29	+ 2 20
3231		+13 1868	68776	11196	.	5457	B		8 8 48	+13 22	210 10	+24 12
3232	AH VEL	−46 3902	68808	11172	.			AH VEL	8 8 51	−46 21	262 27	− 6 58
3233		−37 4394	68862	11182	.				8 9 11	−37 37	255 11	− 2 4
3234		−45 3892	68895	11181	.	5449	R2200		8 9 20	−45 58	262 10	− 6 41
3235	29 LYN	+60 1124	68930	11252	.	5475			8 9 32	+59 53	157 32	+33 59
3236		+72 409	68951	11302	.	5492	6724		8 9 39	+72 43	142 17	+32 27
3237		−35 4349	68980	11197	.	5458		VAR?	8 9 43	−35 36	253 35	+ 0 51
3238		−33 4705	69002	11201	.				8 9 48	−33 16	251 39	+ 0 28
3239		−31 5742	69080	11214	.	5466	I		8 10 14	−31 50	250 31	+ 1 21
3240		−35 4358	69081	11208	.	5462		VAR?	8 10 13	−36 1	253 59	+ 1 0
3241		−35 4360	69082	11209	.				8 10 13	−36 2	254 0	− 1 0
3242		−35 4365	69123	11217	.				8 10 26	−35 11	253 19	+ 0 30
3243		−39 4128	69142	11215	1963.	5468	I		8 10 30	−40 3	257 21	− 3 13
3244		−46 3929	69144	11207	.	5461			8 10 28	−46 41	262 53	− 6 55
3245		+62 991	69148	11291	.	5489			8 10 35	+62 49	154 0	+33 55
3246		+54 1215	69149	11272	.	5482			8 10 34	+54 27	164 6	+34 13
3247		−49 3430	69194	11210	1964.	5463			8 10 40	−49 54	265 36	− 8 40
3248	R CNC	+12 1803	69243	11255	1966.	5477		R CNC	8 11 3	+12 2	211 45	+24 8
3249	17 β CNC	+ 9 1917	69267	11254	1967.	5476	6704		8 11 6	+ 9 30	214 15	+23 3
3250		−45 3914	69302	11235	.	5471	I		8 11 11	−45 32	261 59	− 6 10

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
3201	8 11 16	+ 5 27	+ 9 49	−18	6.07 R	−0.12	B7III	−0.009	−0.025	.		.	.		
3202	8 10 40	+ 4 38	−13 48	−18	5.53	+0.49	dF7	−0.243	+0.054	+.034	+ 38	.	.		G
3203	8 9 10	+ 2 59	−48 41	−18	5.86 H	.	B8	−0.009	−0.008	.		.	.		
3204	8 9 36	+ 3 18	−44 8	−18	5.20	−0.20	B3	−0.014	−0.016	.	+ 8	.	.		
3205	8 9 47	+ 3 23	−42 39	−18	6.71 H	.	A0	−0.012	+0.007	.017D		1.1	6.0		2
3206	8 9 29	+ 3 5	−47 21	−18	4.25	−0.22	B3n	−0.013	−0.009	.	+ 20V	2.6	42.5		*
3207	8 9 32	+ 3 5	−47 21	−18	1.82	−0.26	WC7+07?	−0.010	+0.004	.	+ 35	2.6	42.5		D
3208	8 12 13	+ 5 44	+17 39	−18	5.56 H	.	F8V	+0.069	−0.141	+.039	− 6	.7	1.3	4	D
3209	8 12 13	+ 5 44	+17 39	−18	6.26 H	.	G0	+0.069	−0.141	.		.7	1.3	4	D
3210	8 12 13	+ 5 44	+17 39	−18	6.02 H	.	dG2	+0.100	−0.114	.	− 11	.5	5.9	4	D
3211	8 11 17	+ 4 42	−12 56	−18	4.71	+0.95	KOIII	−0.026	+0.010	+.029	+ 36	3.0	70.2	5	7
3212	8 11 33	+ 4 52	− 7 46	−18	5.36	+0.87	G8III	−0.042	−0.023	+.007	− 11	.	.		
3213	8 9 43	+ 3 2	−47 57	−18	5.40 H	.	B3V	−0.006	−0.003	.	+ 5V?	.	.		
3214	8 12 23	+ 5 36	+14 0	−18	6.34 R	.	A5	−0.026	−0.014	.	− 9	.	.		
3215	8 13 9	+ 6 12	+29 39	−18	5.63	−0.07	A p	−0.004	−0.024	.	+ 20V	.	.		N
3216	8 19 32	+ 12 33	+75 46	−18	5.61 R	.	gG6	+0.031	+0.014	.	+ 7	.	.		
3217	8 8 25	+ 1 18	−63 48	−18	6.27	−0.06	B8e	−0.017	−0.003	.	+ 30V	.	.		6
3218	8 9 34	+ 2 20	−56 5	−18	5.80 H	.	A3m	−0.009	+0.025	.	+ 25	.	.		
3219	8 11 2	+ 3 42	−37 18	−18	6.44	−0.03	BOII	−0.019	+0.001	.	+ 39	6.8	16.8	3	
3220	8 9 1	+ 1 40	−61 18	−18	4.75	+0.43	dF7	−0.161	−0.285	+.051	+ 25	.	.		
3221	8 15 51	+ 8 26	+60 23	−18	6.32 R	.	dA7	−0.012	+0.004	.	− 16	3.4	49.1	4	
3222	8 13 0	+ 5 41	+16 31	−18	5.99 R	.	KOIII	−0.007	−0.025	.	− 20V	.	.		6
3223	8 7 57	+ 0 20	−68 37	−18	4.34	−0.12	B5III	−0.027	+0.021	.	+ 10V	3.5	6.7		*
3224	8 13 42	+ 5 56	+23 9	−18	6.41 R	+0.11	A3III	−0.033	−0.015	.	− 2	.	.		
3225	8 11 21	+ 3 34	−39 37	−18	4.44	+1.63	cK	−0.008	−0.006	−.011	+ 16V	.	.		
3226	8 11 26	+ 3 23	−42 59	−18	4.74	+0.18	A3p	−0.003	+0.000	−.001	+ 19	4.1	25.3		7
3227	8 11 11	+ 3 1	−48 28	−18	5.94 H	.	B3	+0.006	−0.008	.	+ 15	.	.		
3228	8 14 11	+ 5 43	+17 40	−18	6.38 R	.	F0	−0.003	+0.005	.	− 3	2.7	65.4	3	
3229	8 13 20	+ 4 36	−15 47	−18	5.05 H	.	G5II	−0.012	−0.004	+.020	+ 17V	.	.		
3230	8 12 46	+ 4 3	−29 54	−18	6.51	+0.06	A2	−0.027	+0.028	.		.	.		
3231	8 14 22	+ 5 34	+13 4	−18	6.43 R	.	G8III	−0.020	−0.023	.	+ 25V	5.5	22.9		6
3232	8 12 0	+ 3 9	−46 39	−18	5.50	+0.60	F8p	−0.010	+0.004	.		.	.		
3233	8 12 51	+ 3 40	−37 55	−18	6.42	+0.10	A3	−0.019	−0.004	.		.	.		
3234	8 12 30	+ 3 10	−46 16	−18	6.02	−0.14	B4	−0.002	+0.008	.	+ 13	.7	.4		
3235	8 17 50	+ 8 18	+59 35	−18	5.52 R	.	A5	+0.001	+0.000	.	− 17	.	.		
3236	8 20 40	+ 11 1	+72 24	−19	6.05 R	.	gM0	+0.005	−0.028	.	+ 12	3.0	44.4	3	D
3237	8 13 30	+ 3 47	−35 54	−18	4.82	−0.12	B3ne	−0.005	−0.004	.	+ 35	.	.		
3238	8 13 42	+ 3 54	−33 34	−18	6.41 H	.	K2	+0.028	+0.017	.		.	.		
3239	8 14 11	+ 3 57	−32 8	−18	6.05	−0.17	dB3	−0.015	−0.005	.	− 54V	6.4	29.8		R
3240	8 13 58	+ 3 45	−36 19	−18	5.12 H	.	dB5	+0.002	−0.005	.	+ 18	.	.		
3241	8 13 58	+ 3 45	−36 20	−18	6.10	−0.19	B8	+0.002	−0.010	.		.	.		
3242	8 14 13	+ 3 47	−35 29	−18	5.77	+1.02	gK1	−0.064	+0.005	.		.	.		
3243	8 14 3	+ 3 33	−40 21	−18	4.43	+1.16	gK0	+0.039	−0.070	+.004	+ 14V	4.7	51.1		R
3244	8 13 36	+ 3 8	−46 59	−18	5.28 H	.	B5	−0.006	−0.008	.	+ 25V	.	.		
3245	8 19 17	+ 8 42	+62 30	−19	5.68 R	.	gG5	−0.012	+0.004	.	− 2V	.	.		6
3246	8 18 16	+ 7 42	+54 8	−19	6.24 R	.	K5	−0.021	−0.043	.	+ 25	.	.		
3247	8 13 34	+ 2 54	−50 12	−18	5.44 H	.	gK6	+0.000	−0.008	−.002	− 7	.	.		
3248	8 16 34	+ 5 31	+11 44	−18	6.0 H	.	gM7e	+0.013	−0.014	+.012	+ 32	.	.		
3249	8 16 31	+ 5 25	+ 9 12	−18	3.52	+1.48	K4III	−0.046	−0.051	+.014	+ 22	10.5	29.2		3
3250	8 14 24	+ 3 13	−45 50	−18	6.02 H	.	B3	−0.015	+0.004	.	+ 20	2.6	33.3		2

BS = HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
3251		−30 5946	69445	11256	.		I		8 11 52	−30 37	249 43	+ 2 20
3252		+ 9 1921	69478	11289	.	5488			8 12 7	+ 9 11	214 40	+23 8
3253		−35 4401	69511	11263	.				8 12 12	−35 35	253 51	+ 0 25
3254	30 LYN	+58 1112	69548	11338	.	5501			8 12 22	+58 3	159 44	+34 25
3255		−20 2467	69589	11286	.				8 12 30	−21 0	241 47	+ 7 50
3256		−50 3227	69596	11259	.				8 12 30	−50 8	265 58	− 8 33
3257	21 PUP	−15 2362	69665	11299	.				8 12 48	−15 59	237 35	+10 39
3258		+54 1217	69682	11344	.	5504			8 12 52	+53 53	164 47	+34 32
3259		−12 2449	69830	11325	1977.	5498			8 13 39	−12 18	234 32	+12 49
3260		−62 985	69863	11275	1978.	5484	IA		8 13 45	−62 36	276 48	−15 8
3261		−29 5897	69879	11322	.	5496			8 13 54	−29 42	249 12	+ 3 12
3262	18 χ CNC	+27 1589	69897	11348	1979.	5506			8 13 59	+27 32	195 47	+30 27
3263		+61 1043	69976	11381	1980.	5515			8 14 20	+60 57	156 12	+34 31
3264		+21 1817	69994	11358	.	5508			8 14 31	+21 4	202 50	+28 26
3265		− 9 2471	69997	11346	.				8 14 28	− 9 52	232 32	+14 17
3266		−35 4452	70002	11337	.				8 14 28	−35 8	253 44	+ 0 13
3267		−36 4443	70003	11336	.		I		8 14 30	−37 4	255 20	+ 0 53
3268	19 λ CNC	+24 1909	70011	11363	.	5511			8 14 35	+24 20	199 20	+29 35
3269		+ 4 1954	70013	11353	.	5507	F		8 14 34	+ 4 15	219 43	+21 25
3270		−36 4449	70060	11343	1981.	5503			8 14 49	−36 21	254 47	+ 0 25
3271		− 0 1966	70110	11365	.				8 15 7	− 0 36	224 19	+19 12
3272		− 4 2303	70148	11368	.				8 15 20	− 5 1	228 21	+17 1
3273		−34 4627	70235	11362	.				8 15 38	−34 17	253 11	+ 0 54
3274		−58 1095	70267	11347	.				8 15 53	−58 51	273 40	−12 54
3275	31 LYN	+43 1815	70272	11401	1984.	5525			8 15 59	+43 31	177 22	+34 20
3276		−22 2233	70302	11377	.		R2289		8 16 6	−22 37	243 37	+ 7 37
3277		+53 1246	70313	11424	1986.	5532			8 16 14	+53 33	165 12	+35 2
3278		− 1 2017	70340	11387	.	5517	6762		8 16 16	− 1 17	225 5	+19 6
3279		−19 2369	70442	11393	.	5523	I		8 16 54	−19 46	241 20	+ 9 23
3280		−65 907	70514	11366	1989.	5512			8 17 12	−65 18	279 23	−16 13
3281		−17 2464	70523	11409	.	5529			8 17 22	−17 16	239 17	+10 52
3282		−32 5185	70555	11400	1990.	5524			8 17 27	−32 44	252 8	+ 2 6
3283		−36 4513	70556	11402	.	5526	I		8 17 34	−36 10	254 57	+ 0 8
3284	20 CNC	+18 1930	70569	11438	1992.	5536			8 17 38	+18 39	205 42	+28 14
3285		− 5 2512	70574	11425	.				8 17 35	− 5 52	229 25	+17 3
3286		−39 4245	70612	11405	.				8 17 47	−39 18	257 32	− 1 38
3287		+42 1859	70647	11456	.	5544			8 17 57	+42 20	178 51	+34 32
3288		− 7 2452	70652	11437	.				8 18 1	− 7 14	230 41	+16 26
3289	22 PUP	−12 2490	70673	11435	.	5534			8 18 5	−12 44	235 31	+13 30
3290	21 CNC	+11 1830	70734	11454	.	5543	6787		8 18 27	+10 57	213 41	+25 18
3291		−25 5988	70761	11443	1995.	5539	6782		8 18 36	−26 2	246 46	+ 6 9
3292		+35 1819	70771	11473	.	5547			8 18 41	+35 20	187 12	+33 27
3293		−57 1490	70839	11428	.	5533			8 18 59	−57 39	272 52	−11 55
3294		−48 3734	70930	11450	.	5541	R2317		8 19 27	−48 10	264 58	− 6 30
3295		− 4 2328	70937	11480	.	5553			8 19 38	− 4 23	228 22	+18 15
3296		−37 4638	70946	11460	.			VAR?	8 19 35	−37 58	256 39	+ 0 35
3297	1 HYA	− 3 2333	70958	11479	1998.	5552			8 19 36	− 3 26	227 30	+18 44
3298		−63 940	70982	11436	.				8 19 44	−63 47	278 12	−15 11
3299	25 CNC	+17 1842	71030	11494	1999.	5560			8 20 10	+17 23	207 17	+28 19
3300		−51 2980	71043	11464	.				8 20 8	−51 48	268 3	− 8 29

BS= HR	RA (2000)	$\Delta\alpha$ 100 YR	DEC (2000)	$\Delta\delta$ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
3251	8 15 53	+ 4 1	−30 55	−18	6.30 H	.	G5	−0.050	−0.008	.		2.0	2.7		2
3252	8 17 32	+ 5 25	+ 8 52	−19	6.16 R	.	G8III	−0.012	−0.017	.	+ 29	.	.		
3253	8 15 59	+ 3 47	−35 53	−18	6.20 H	.	K2	−0.002	+0.012	.		.	.		
3254	8 20 26	+ 8 4	+57 44	−19	5.89 R	.	dF2	+0.061	+0.010	.	− 15	.	.		
3255	8 16 54	+ 4 24	−21 18	−18	6.59	+0.02	A0	−0.015	+0.023	.		.	.		
3256	8 15 23	+ 2 53	−50 26	−18	6.41 H	.	K2	−0.021	−0.024	.		.	.		
3257	8 17 23	+ 4 35	−16 18	−19	6.31 H	.	A0	−0.019	−0.010	.		.	.		
3258	8 20 29	+ 7 37	+53 34	−19	6.32 R	.	F0	−0.061	−0.098	.	+ 11	.	.		
3259	8 18 24	+ 4 45	−12 38	−20	5.98	+0.77	G8V	+0.269	−0.981	+.075	+ 30	.	.		
3260	8 15 16	+ 1 31	−62 55	−19	5.15	+0.08	A2	−0.023	−0.028	+.024	+ 4	2.7	4.1		3
3261	8 17 58	+ 4 4	−30 1	−19	6.44	+1.04	gG6	+0.038	+0.011	.	− 12	.	.		
3262	8 20 3	+ 6 4	+27 13	−19	5.13	+0.47	F6V	−0.015	−0.384	+.061	+ 33	.	.		
3263	8 22 44	+ 8 24	+60 38	−19	6.37 R	.	gK0	+0.010	−0.005	+.003	− 6	.	.		
3264	8 20 21	+ 5 50	+20 45	−19	5.81 R	.	gK1	+0.066	−0.056	.	− 17	.	.		
3265	8 19 15	+ 4 47	−10 11	−19	6.30	+0.34	A5	−0.055	+0.026	.		.	.		
3266	8 18 17	+ 3 49	−35 27	−19	5.66 H	.	gK2	+0.010	−0.001	.		.	.		
3267	8 18 13	+ 3 43	−37 23	−19	6.69	+0.24	A0	−0.030	+0.016	.009D		.5	2.3		2
3268	8 20 32	+ 5 57	+24 1	−19	5.91 R	−0.03	B9V	−0.021	−0.026	.	+ 24V	.	.		
3269	8 19 49	+ 5 15	+ 3 56	−19	6.04	+0.97	G5	+0.033	−0.031	.	− 47	.0	.2		
3270	8 18 34	+ 3 45	−36 40	−19	4.44	+0.22	A7III	−0.110	+0.093	+.036	+ 5	.	.		
3271	8 20 13	+ 5 6	− 0 55	−19	6.17	+0.60	G0	+0.054	−0.094	.		.	.		
3272	8 20 18	+ 4 58	− 5 20	−19	6.11	+1.34	K2	+0.024	−0.028	.		.	.		
3273	8 19 30	+ 3 52	−34 36	−19	6.42	−0.08	B9	−0.024	−0.002	.		.	.		
3274	8 17 56	+ 2 3	−59 10	−19	6.41	+0.40	F8	−0.046	−0.038	.		.	.		
3275	8 22 50	+ 6 51	+43 12	−19	4.28 R	.	K5III	−0.014	−0.103	+.020	+ 24	.	.		
3276	8 20 27	+ 4 21	−22 56	−19	6.12	+1.04	K0	−0.010	−0.002	.		6.9	5.8		
3277	8 23 48	+ 7 34	+53 14	−19	5.51 R	.	A2	−0.022	−0.107	+.027	+ 21	.	.		
3278	8 21 20	+ 5 4	− 1 36	−19	6.35 H	.	A0	−0.019	−0.042	.009D	+ 29	.7	.5		D
3279	8 21 22	+ 4 28	−20 5	−19	5.58	+0.77	G2III+A	−0.003	−0.022	.	− 8V	.	.		*
3280	8 18 18	+ 1 6	−65 37	−19	5.06	+1.15	K0	+0.025	+0.016	+.007	+ 0	.	.		
3281	8 21 54	+ 4 32	−17 35	−19	5.74	+1.06	K1III	−0.094	−0.016	.	+ 68	.	.		G
3282	8 21 23	+ 3 56	−33 3	−19	4.82	+1.45	K1III	−0.021	+0.004	+.021	+ 33	.	.		
3283	8 21 21	+ 3 47	−36 29	−19	5.19	−0.20	B3	−0.012	−0.006	.	+ 16V	7.8	7.3		
3284	8 23 22	+ 5 44	+18 20	−19	5.80 R	.	dF0	−0.051	−0.032	+.010	+ 36	.	.		
3285	8 22 30	+ 4 55	− 6 11	−19	6.15	+0.22	A3	−0.052	+0.002	.		.	.		
3286	8 21 24	+ 3 37	−39 37	−19	6.18 H	.	A4	+0.001	−0.006	.		.	.		
3287	8 24 43	+ 6 46	+42 1	−19	6.07 R	.	gK5	+0.018	+0.002	.	+ 27	.	.		
3288	8 22 54	+ 4 53	− 7 33	−19	6.15 H	.	M1	−0.024	+0.000	.		.	.		
3289	8 22 47	+ 4 42	−13 3	−19	6.30 H	.	gG7	−0.053	−0.046	.	− 17	.	.		
3290	8 23 55	+ 5 28	+10 38	−19	6.16 R	.	gM2	+0.004	−0.027	.	+ 3	5.0	1.0		2
3291	8 22 50	+ 4 14	−26 21	−19	5.89	+0.38	F2Ib	−0.008	+0.004	−.015	+ 65	.3	.1	3	7
3292	8 25 5	+ 6 24	+35 1	−19	6.09 R	.	K0	−0.001	−0.019	.	+ 33	.	.		
3293	8 21 12	+ 2 13	−57 58	−19	6.07 H	.	B1V	−0.010	+0.004	.	+ 15V	.	.		
3294	8 22 32	+ 3 5	−48 29	−19	4.82	−0.16	B1V	−0.022	+0.004	.	+ 26	1.4	.8		7
3295	8 24 37	+ 4 59	− 4 42	−19	6.00	+0.47	F2	+0.021	−0.052	.	− 35	.	.		6
3296	8 23 17	+ 3 42	−38 17	−19	6.31	+1.63	M1	+0.020	−0.005	.		.	.		
3297	8 24 35	+ 4 59	− 3 45	−19	5.62	+0.46	dF2	−0.211	−0.026	+.052	+ 72V	.	.		R
3298	8 21 8	+ 1 24	−64 6	−19	6.11	+0.93	gK0	−0.003	−0.030	.		.	.		
3299	8 25 50	+ 5 40	+17 3	−20	6.09 R	.	dF4	−0.189	−0.158	+.036	+ 38	.	.		
3300	8 22 56	+ 2 48	−52 7	−19	5.93 H	.	A0	−0.018	+0.004	.		.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
3301	κ^1 VOL	−71 677	71046	11421	.	5531	A		8 20 6	−71 12	284 50	−19 3
3302	κ^2 VOL	−71 678	71066	11430	.		BC		8 20 18	−71 11	284 49	−19 1
3303		+67 545	71088	11561	.	5579			8 20 20	+67 38	148 4	+34 18
3304	22 ϕ^1 CNC	+28 1602	71093	11509	.	5566			8 20 23	+28 13	195 30	+32 1
3305		+ 2 1965	71095	11493	.	5559			8 20 24	+ 2 26	222 11	+21 50
3306		+ 8 2053	71115	11505	2000.	5565	6805		8 20 33	+ 7 53	216 58	+24 25
3307	ϵ CAR	−59 1032	71129	11463	.	5546		VAR?	8 20 28	−59 11	274 17	−12 36
3308		−22 2262	71141	11490	.				8 20 34	−22 50	244 23	+ 8 21
3309		+46 1398	71148	11534	2001.	5577			8 20 38	+45 59	174 29	+35 24
3310	23 ϕ^2 CNC	+27 1612	71150	11519	.	5570	6815B		8 20 44	+27 16	196 36	+31 48
3311	23 ϕ^2 CNC	+27 1612	71151	11520	.	5571	6815A		8 20 44	+27 16	196 36	+31 48
3312	24 CNC	+25 1920	71152	11517	.	5567	6811A		8 20 43	+24 52	199 16	+31 4
3313	24 CNC	+25 1920	71153	11518	.	5568	6811B		8 20 43	+24 52	199 16	+31 4
3314		− 3 2339	71155	11499	2003.	5562			8 20 40	− 3 35	227 47	+18 53
3315		−23 7277	71176	11491	2004.	5557	6800A		8 20 45	−23 43	245 8	+ 7 53
3316		−20 2522	71196	11496	.				8 20 53	−20 44	242 41	+ 9 36
3317		−17 2442	71231	11507	.				8 21 6	−17 7	239 40	+11 41
3318	α CHA	−76 507	71243	11419	2006.	5530			8 21 7	−76 36	289 52	−21 41
3319	27 CNC	+13 1912	71250	11525	2007.	5573		VAR?	8 21 12	+12 59	211 57	+26 47
3320		−14 2517	71267	11512	.				8 21 17	−14 36	237 33	+13 7
3321	2 HYA	− 3 2345	71297	11523	2008.	5572		VAR?	8 21 27	− 3 40	227 58	+19 1
3322		−42 4219	71302	11504	.	5564	R2345		8 21 30	−42 27	260 30	− 2 54
3323	1 o UMA	+61 1054	71369	11593	2010.	5590	6830	VAR?	8 21 58	+61 3	155 59	+35 25
3324		−12 2524	71377	11539	.	5578		VAR?	8 21 59	−12 12	235 35	+14 35
3325		− 5 2530	71433	11553	.				8 22 22	− 6 5	230 16	+17 57
3326		−41 4119	71459	11532	.	5576			8 22 22	−41 50	260 6	− 2 24
3327		−38 4462	71487	11541	.		IA		8 22 38	−38 44	257 37	+ 0 32
3328		−38 4462	71488	11542	.		IB		8 22 38	−38 44	257 37	+ 0 32
3329	28 CNC	+24 1931	71496	11580	.	5582			8 22 41	+24 29	199 52	+31 22
3330		−51 3004	71510	11531	.	5575	I		8 22 40	−51 24	267 56	− 7 56
3331		−28 6048	71523	11551	.				8 22 43	−28 53	249 38	+ 5 15
3332		+69 472	71553	11640	.	5600			8 23 0	+69 39	145 37	+34 8
3333	29 CNC	+14 1899	71555	11584	.	5585			8 23 3	+14 33	210 33	+27 50
3334	η VOL	−72 694	71576	11485	2013.	5556	I		8 22 59	−73 5	286 40	−19 49
3335		−20 2538	71581	11570	.				8 23 7	−20 31	242 48	+10 9
3336		−31 6079	71622	11569	.				8 23 15	−31 21	251 43	+ 3 54
3337		− 2 2581	71663	11587	.	5586	6828		8 23 26	− 2 11	226 53	+20 12
3338		− 8 2374	71665	11585	.				8 23 29	− 8 29	232 33	+16 55
3339		−25 6109	71688	11583	.				8 23 39	−25 48	247 14	+ 7 13
3340	θ CHA	−77 383	71701	11481	2015.	5555	I		8 23 39	−77 10	290 28	−21 50
3341		−52 1474	71722	11559	.				8 23 40	−52 29	268 55	− 8 26
3342		− 9 2532	71766	11600	.				8 24 2	− 9 25	233 27	+16 31
3343		−34 4842	71801	11589	.	5588	I		8 24 7	−34 47	254 36	+ 2 2
3344		−22 2286	71815	11599	.				8 24 14	−22 44	244 48	+ 9 6
3345		−20 2549	71833	11602	.				8 24 27	−20 37	243 4	+10 21
3346		−64 878	71863	11564	.				8 24 30	−64 16	278 55	−15 1
3347	β VOL	−65 933	71878	11567	2020.	5581		VAR?	8 24 39	−65 48	280 15	−15 50
3348		+37 1870	71906	11641	.				8 24 51	+37 36	184 48	+35 6
3349		−54 1647	71919	11594	.				8 24 53	−54 41	270 51	− 9 33
3350		−52 1484	71935	11595	2021.	5592			8 24 52	−52 45	269 15	− 8 26

BS= HR	RA (2000)	$\Delta\alpha$ 100 YR	DEC (2000)	$\Delta\delta$ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
3301	8 19 49	− 0 17	−71 31	−19	5.36	−0.06	B9	−0.012	+0.026	.	+ 36V	.3	65.0	3	*
3302	8 20 1	− 0 17	−71 30	−19	5.64	−0.10	A p	−0.008	+0.040	.		2.8	38.	3	D
3303	8 29 46	+ 9 26	+67 18	−20	5.95 R	.	gG7	−0.058	+0.009	.	− 3	.	.		
3304	8 26 28	+ 6 5	+27 53	−20	5.63 R	.	K5III	−0.029	−0.125	.	+ 24	.	.		
3305	8 25 36	+ 5 12	+ 2 6	−20	5.72	+1.53	gK5	−0.019	−0.023	.	+ 12	.	.		
3306	8 25 55	+ 5 22	+ 7 33	−20	5.12	+0.94	G8II	−0.034	−0.008	+.013	+ 15	4.1	35.4		
3307	8 22 31	+ 2 3	−59 30	−19	1.85	+1.30	K0II+B	−0.028	+0.012	.	+ 12	.	.		
3308	8 24 55	+ 4 21	−23 9	−19	5.67	+0.06	A2	−0.040	+0.038	.		.	.		
3309	8 27 36	+ 6 58	+45 39	−20	6.27 R	.	dG4	−0.024	−0.357	+.046	− 34	.	.		
3310	8 26 47	+ 6 3	+26 56	−20	6.32 H	.	A4III	−0.011	−0.002	.010D	− 28	.5	5.6		D
3311	8 26 47	+ 6 3	+26 56	−20	6.30 H	.	A4III	−0.012	−0.007	.010D	− 31	.5	5.6		D
3312	8 26 40	+ 5 57	+24 32	−20	7.10 H	.	dF1	−0.038	−0.085	.021D	+ 15	1.1	5.9	3	D
3313	8 26 40	+ 5 57	+24 32	−20	7.64 H	.	dF6	−0.042	−0.090	.021D	+ 19	1.1	5.9	3	D
3314	8 25 40	+ 5 0	− 3 55	−20	3.90	−0.02	A0V	−0.066	−0.026	+.019	+ 10	.	.		
3315	8 25 4	+ 4 19	−24 2	−19	5.46 H	.	K5III	−0.040	+0.021	+.022	+ 26	3.5	42.1		D
3316	8 25 19	+ 4 26	−21 3	−19	6.00 H	.	F2	−0.018	+0.058	.		.	.		
3317	8 25 40	+ 4 34	−17 27	−20	6.44 H	.	K0	−0.006	−0.007	.		.	.		
3318	8 18 32	− 2 35	−76 55	−19	4.06	+0.40	F6IV	+0.106	+0.106	+.046	− 14	.	.		
3319	8 26 44	+ 5 32	+12 39	−20	5.57 R	.	gM3	−0.025	−0.105	+.026	− 7	.	.		
3320	8 25 56	+ 4 39	−14 56	−20	5.97	+0.17	A2m	−0.013	+0.030	.		.	.		
3321	8 26 27	+ 5 0	− 4 0	−20	5.41 H	.	dF0	−0.054	−0.062	+.028	+ 27	.	.		
3322	8 24 57	+ 3 27	−42 47	−20	5.98	−0.18	dB3	−0.019	+0.015	.	+ 23	.4	.4		2
3323	8 30 16	+ 8 18	+60 43	−20	3.36	+0.84	G5III	−0.128	−0.113	+.004	+ 20	7.0	177.2	4	D
3324	8 26 42	+ 4 43	−12 32	−20	5.54	+1.19	K2III	−0.092	−0.021	.	+ 65	.	.		G
3325	8 27 17	+ 4 55	− 6 25	−20	6.58	+0.51	F5	−0.040	−0.032	.		.	.		
3326	8 25 52	+ 3 30	−42 10	−20	5.46	−0.17	dB3	−0.017	+0.000	.	+ 28	.	.		
3327	8 26 18	+ 3 40	−39 4	−20	6.68 H	.	A0	−0.025	−0.011	.005D		.6	8.2	3	D
3328	8 26 18	+ 3 40	−39 4	−20	7.28 H	.	A0	−0.019	+0.003	.005D		.2	.2	3	D
3329	8 28 37	+ 5 56	+24 9	−20	6.05 R	.	A5	−0.029	−0.063	.	+ 12V	.	.		6
3330	8 25 31	+ 2 51	−51 44	−20	5.23 H	.	B3n	−0.050	−0.016	.	+ 18	3.6	34.9		
3331	8 26 50	+ 4 7	−29 13	−20	6.57 H	.	B9	−0.008	+0.014	.		.	.		
3332	8 32 53	+ 9 53	+69 19	−20	6.30 R	.	K0	+0.030	−0.029	.	− 30	.	.		
3333	8 28 38	+ 5 35	+14 13	−20	5.87 R	+0.19	A5V	−0.015	−0.016	.	+ 2	.	.		6
3334	8 22 5	− 0 54	−73 24	−19	5.28	+0.01	A1	−0.028	+0.010	+.003	+ 20	7.1	31.0		
3335	8 27 34	+ 4 27	−20 51	−20	6.44 H	.	A1	+0.011	−0.011	.		.	.		
3336	8 27 16	+ 4 1	−31 41	−20	6.28 H	.	K0	−0.020	−0.014	.		.	.		
3337	8 28 29	+ 5 3	− 2 31	−20	6.38	+0.34	dF0	−0.006	−0.017	.015D	− 14V	.1	.4	3	D
3338	8 28 20	+ 4 51	− 8 49	−20	6.48 H	.	K0	−0.001	−0.042	.		.	.		
3339	8 27 54	+ 4 15	−26 8	−20	6.64 H	.	A2	−0.057	−0.007	.		.	.		
3340	8 20 39	− 3 0	−77 29	−19	4.34	+1.15	K0III-IV	−0.134	+0.034	+.027	+ 22	7.8	31.3		
3341	8 26 26	+ 2 46	−52 49	−20	6.14 H	.	A0	−0.025	−0.014	.		.	.		
3342	8 28 51	+ 4 49	− 9 45	−20	5.98	+0.44	F2	−0.013	+0.006	.		.	.		
3343	8 27 59	+ 3 52	−35 7	−20	5.74	−0.16	B3V	−0.028	+0.000	.	+ 23V?	3.7	35.0	3	D
3344	8 28 36	+ 4 22	−23 4	−20	6.50	+0.05	A2	−0.041	−0.026	.		.	.		
3345	8 28 54	+ 4 27	−20 57	−20	6.66	−0.06	B8	−0.011	−0.012	.		.	.		
3346	8 25 52	+ 1 22	−64 36	−20	5.96	+0.96	G5	−0.011	+0.002	.		.	.		
3347	8 25 44	+ 1 5	−66 8	−20	3.76	+1.12	K2III	−0.027	−0.159	+.033	+ 27	.	.		
3348	8 31 20	+ 6 29	+37 16	−20	6.04 R	−0.06	B8V	−0.014	−0.005	.		.	.		
3349	8 27 28	+ 2 35	−55 1	−20	6.42 H	.	A0	−0.024	−0.015	.		.	.		
3350	8 27 36	+ 2 44	−53 5	−20	5.08	+0.25	dF3	−0.076	+0.008	+.014	+ 25	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
3351		+53 1259	71952	11665	.	5607			8 25 3	+53 27	165 18	+36 21
3352		+75 342	71973	11730	.	5630	6872		8 25 11	+75 4	139 16	+32 57
3353		−26 6103	71997	11624	.			VAR?	8 25 15	−27 0	248 26	+ 6 48
3354	2 UMA	+65 638	72037	11700	2026.	5620			8 25 39	+65 29	150 32	+35 12
3355	30 υ^1 CNC	+24 1940	72041	11655	.	5604			8 25 36	+24 25	200 11	+31 59
3356		−43 4337	72067	11628	.	5597			8 25 44	−43 50	262 5	− 3 5
3357	31 θ CNC	+18 1963	72094	11659	.	5605			8 25 54	+18 26	206 46	+29 58
3358		−47 4004	72108	11630	.	5598	I		8 25 55	−47 36	265 9	− 5 17
3359		−44 4462	72127	11635	.	5599	IA		8 26 5	−44 23	262 34	− 3 21
3360		+38 1920	72184	11684	2029.	5616			8 26 25	+38 22	183 56	+35 32
3361		+10 1816	72208	11674	.	5609			8 26 29	+10 9	215 26	+26 44
3362		−31 6165	72227	11651	.		R2393		8 26 28	−31 49	252 30	+ 4 11
3363		−45 4183	72232	11642	.	5601			8 26 30	−46 0	263 55	− 4 15
3364		−36 4715	72268	11657	.			VAR?	8 26 41	−36 23	256 12	+ 1 30
3365	32 LYN	+36 1836	72291	11702	2031.	5622			8 26 57	+36 47	185 52	+35 22
3366	33 η CNC	+20 2109	72622	11687	2032.	5617			8 26 56	+20 47	204 19	+31 3
3367		−19 2438	72310	11679	2033.	5612	6862		8 27 1	−19 14	242 16	+11 39
3368		−54 1667	72322	11646	.				8 27 2	−54 51	271 10	− 9 24
3369	32 υ^2 CNC	+24 1946	72324	11695	2035.	5619			8 27 5	+24 25	200 19	+32 18
3370		−69 919	72337	11620	.	5595			8 27 3	−69 46	283 52	−17 48
3371		−44 4477	72350	11669	.	5608	I		8 27 17	−44 24	262 42	− 3 12
3372	34 CNC	+10 1818	72359	11689	.	5618			8 27 13	+10 24	215 16	+27 0
3373		−38 4566	72436	11682	.		I		8 27 43	−38 44	258 12	+ 0 15
3374		−14 2564	72462	11703	.				8 27 55	−14 41	238 33	+14 25
3375		−47 4048	72485	11683	.	5615			8 28 0	−47 32	265 18	− 4 58
3376		+13 1940	72505	11726	.	5628			8 28 13	+13 36	212 7	+28 35
3377	33 LYN	+36 1840	72524	11744	.	5634			8 28 18	+36 46	185 57	+35 38
3378		+ 5 1997	72561	11732	.	5631			8 28 27	+ 5 6	220 40	+24 52
3379		+74 370	72582	11799	2039.	5657			8 28 36	+73 59	140 26	+33 28
3380		+ 8 2077	72617	11745	.	5635	B		8 28 50	+ 8 48	217 5	+26 39
3381		−24 7089	72626	11724	2041.	5627	6871		8 28 46	−24 16	246 40	+ 9 3
3382		−53 1729	72650	11701	.				8 28 49	−54 3	270 40	− 8 43
3383		− 1 2074	72660	11743	.				8 28 58	− 1 49	227 18	+21 34
3384		−31 6229	72673	11723	2042.	5626			8 28 57	−31 11	252 18	+ 4 59
3385		−34 4959	72688	11729	.				8 29 4	−34 18	254 49	+ 3 8
3386		−52 1517	72737	11713	.	5624	I		8 29 18	−52 52	269 45	− 7 58
3387	35 CNC	+20 2118	72779	11762	.	5641			8 29 35	+19 56	205 31	+31 20
3388		−37 4850	72787	11742	.	5633			8 29 36	−38 2	257 52	+ 0 58
3389		−38 4610	72832	11748	.				8 29 56	−38 30	258 17	+ 0 45
3390		−46 4300	72900	11752	.				8 30 15	−46 38	264 48	− 4 7
3391	3 π^1 UMA	+65 643	72905	11817	2047.1	5666			8 30 19	+65 22	150 33	+35 42
3392		+ 3 2014	72908	11768	.	5643			8 30 12	+ 3 5	222 51	+24 17
3393		−80 258	72922	11625	.				8 30 16	−80 35	293 51	−23 15
3394		+15 1851	72943	11785	.	5652			8 30 31	+15 39	210 13	+29 55
3395		+ 7 1997	72945	11781	2048.	5648	6886A		8 30 32	+ 6 58	219 7	+26 12
3396		+ 7 1997	72946	11782	.	5649	6886B		8 30 32	+ 6 58	219 7	+26 12
3397		−32 5465	72954	11765	.		F		8 30 32	−32 15	253 22	+ 4 37
3398	3 HYA	− 7 2540	72968	11775	.	5647			8 30 35	− 7 38	232 47	+18 51
3399		−37 4873	72993	11766	.		I		8 30 43	−37 16	257 23	+ 1 37
3400		+53 1268	73017	11810	.	5663			8 30 54	+53 45	164 53	+37 12

BS= HR	RA (2000)	$\Delta\alpha$ 100 YR	DEC (2000)	$\Delta\delta$ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
3351	8 32 33	+ 7 30	+53 7	−20	6.40 R	.	K0IV	+0.015	−0.082	.	+ 44	.	.		
3352	8 36 49	+ 11 38	+74 44	−20	6.20 R	.	A m	−0.015	−0.028	.	− 6V	3.5	1.8		*
3353	8 29 27	+ 4 12	−27 20	−20	6.50 H	−0.13	B9	−0.001	−0.012	.		.	.		
3354	8 34 36	+ 8 57	+65 9	−20	5.40 R	.	A m	−0.048	−0.067	+.014	− 16	.	.		
3355	8 31 31	+ 5 55	+24 5	−20	5.65 R	.	A9n	−0.082	−0.051	.	+ 19	.	.		
3356	8 29 8	+ 3 24	−44 10	−20	5.94 H	.	dB3	+0.001	+0.005	.	+ 3	.	.		
3357	8 31 36	+ 5 42	+18 6	−20	5.32 R	.	gM1	−0.056	−0.062	.	+ 45	.	.		
3358	8 29 4	+ 3 9	−47 56	−20	5.32	−0.15	B5n	−0.020	−0.005	.	+ 14V	2.2	4.4	3	*
3359	8 29 27	+ 3 22	−44 43	−20	5.22 H	.	dB3	−0.005	−0.008	.000D	+ 20V	1.5	5.1		6
3360	8 32 55	+ 6 30	+38 1	−21	5.90	+1.11	K2III	−0.095	−0.169	+.013	+ 15	.	.		
3361	8 31 55	+ 5 26	+ 9 49	−20	6.53 R	.	A0	+0.003	−0.011	.	+ 8	.	.		6
3362	8 30 29	+ 4 1	−32 9	−20	5.64	+1.49	K2	−0.020	−0.008	.		.0	.1		
3363	8 29 46	+ 3 16	−46 20	−20	6.11 H	.	B8	−0.039	−0.002	.	+ 9	.	.		
3364	8 30 29	+ 3 48	−36 43	−20	6.67 H	+1.90	K2	−0.027	+0.009	.		.	.		
3365	8 33 22	+ 6 25	+36 27	−20	6.06 R	.	dF1	−0.141	−0.006	+.032	+ 0	.	.		
3366	8 32 43	+ 5 47	+20 27	−20	5.35 R	.	K3III	−0.045	−0.052	+.014	+ 24	.	.		
3367	8 31 31	+ 4 30	−19 34	−20	5.41	−0.06	A0	−0.033	−0.010	−.004	+ 12V?	.6	.7		2
3368	8 29 37	+ 2 35	−55 11	−20	6.35	+0.80	G0	−0.019	−0.019	.		.	.		
3369	8 33 0	+ 5 55	+24 5	−20	6.36	+1.02	G9III	−0.066	−0.053	+.023	+ 75	.	.		G
3370	8 27 17	+ 0 14	−70 6	−20	5.52	−0.03	A0	−0.008	+0.044	.	+ 20	.	.		
3371	8 30 39	+ 3 22	−44 44	−20	6.49 H	.	B5IV	−0.022	+0.006	.	+ 24V?	4.2	3.6		
3372	8 32 39	+ 5 26	+10 4	−20	6.23 R	−0.02	A0V	+0.003	−0.009	.	+ 4	.	.		6
3373	8 31 24	+ 3 41	−39 4	−20	6.28	−0.14	B5Vn	−0.025	+0.001	.	+ 11V	1.9	4.5		
3374	8 32 34	+ 4 39	−15 1	−20	6.37	+0.28	A5	−0.052	+0.048	.		.	.		
3375	8 31 11	+ 3 11	−47 52	−20	6.50 H	.	B4	−0.008	−0.002	.	+ 11	.	.		
3376	8 33 45	+ 5 32	+13 15	−21	6.26 R	.	K0	−0.029	−0.050	.	+ 28	.	.		
3377	8 34 43	+ 6 25	+36 25	−21	5.71 R	+0.04	A2III	−0.029	−0.050	.	+ 25	.	.		
3378	8 33 43	+ 5 16	+ 4 46	−20	5.86	+1.07	gG5	−0.006	−0.016	.	+ 1	.	.		
3379	8 39 43	+ 11 7	+73 38	−21	6.11 R	.	gG7	−0.014	−0.105	+.013	+ 1	.	.		
3380	8 34 13	+ 5 23	+ 8 27	−21	5.94 R	.	F0	−0.004	−0.035	.	+ 16	7.5	31.5		
3381	8 33 5	+ 4 19	−24 36	−20	6.18	+0.28	A7s	−0.008	−0.020	+.009	− 8	.0	.7		D
3382	8 31 29	+ 2 40	−54 23	−20	6.33	+1.31	K2	+0.014	−0.052	.		.	.		
3383	8 34 1	+ 5 3	− 2 9	−20	5.61 H	.	A1	−0.039	+0.022	.		.	.		
3384	8 32 51	+ 3 54	−31 30	−19	6.37	+0.79	K0V	−1.119	+0.757	+.080	+ 18	.	.		
3385	8 32 59	+ 3 55	−34 38	−20	6.16 H	.	K0	−0.016	+0.002	.		.	.		
3386	8 32 4	+ 2 46	−53 12	−20	5.77 H	.	K0III+A3	−0.027	+0.002	.	+ 19	1.2	1.3		2
3387	8 35 20	+ 5 45	+19 35	−21	6.48 R	.	G0III	−0.035	−0.015	.	+ 36	.	.		G
3388	8 33 20	+ 3 44	−38 23	−21	6.48	−0.19	dB3	−0.006	−0.010	.	+ 5	.	.		
3389	8 33 39	+ 3 43	−38 51	−21	5.95	−0.15	B8	−0.041	+0.003	.		.	.		
3390	8 33 30	+ 3 15	−46 59	−21	6.32 H	.	K2	+0.002	−0.013	.		.	.		
3391	8 39 12	+ 8 53	+65 1	−21	5.64	+0.62	G0V	−0.024	+0.085	+.065	− 12	.	.		G
3392	8 35 25	+ 5 13	+ 2 44	−21	6.32	+1.02	G9III	−0.007	+0.005	.	− 4	.	.		
3393	8 24 20	− 5 56	−80 55	−20	5.68	+1.02	K0	−0.148	+0.215	.		.	.		
3394	8 36 7	+ 5 36	+15 18	−21	6.22 R	.	A5	+0.010	−0.030	.	+ 4	.	.		
3395	8 35 51	+ 5 19	+ 6 37	−21	6.04 H	.	dF6	−0.130	−0.147	+.048	+ 25V	1	10.5	5	*
3396	8 35 51	+ 5 19	+ 6 37	−21	7.15 H	.	dG5	−0.130	−0.146	.	+ 27	1.0	10.5	5	D
3397	8 34 32	+ 4 0	−32 36	−21	6.42	+0.75	G5	−0.048	−0.136	.		.0	.2		
3398	8 35 28	+ 4 53	− 7 59	−21	5.72	−0.04	A p	−0.027	+0.017	.	+ 24V	.	.		
3399	8 34 30	+ 3 47	−37 37	−21	6.19 H	.	K5	−0.013	−0.002	.		2.4	2.3		2
3400	8 38 22	+ 7 28	+53 24	−21	5.66 R	.	gG6	−0.076	−0.024	.	− 43	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
3401		+60 1148	73029	11827	.	5670			8 31 3	+60 17	156 45	+36 37
3402		−26 6225	73072	11786	.				8 31 14	−26 30	248 49	+ 8 11
3403	4 π^2 UMA	+64 698	73108	11850	2050.	5681			8 31 29	+64 41	151 21	+35 57
3404		−39 4519	73121	11787	.				8 31 32	−39 38	259 22	+ 0 18
3405		+53 1269	73131	11835	.	5673			8 31 34	+53 16	165 29	+37 20
3406	36 CNC	+10 1837	73143	11807	.	5660			8 31 41	+10 0	216 13	+27 49
3407		−49 3646	73155	11783	2051.	5650			8 31 40	−49 36	267 20	− 5 43
3408		+53 1272	73171	11844	.	5677			8 31 53	+53 4	165 44	+37 23
3409		+33 1728	73192	11832	.	5672			8 32 4	+33 9	190 30	+35 41
3410	4 δ HYA	+ 6 2001	73262	11823	2053.	5669			8 32 22	+ 6 3	220 15	+26 11
3411		− 4 2401	73281	11821	.				8 32 29	− 4 35	230 19	+20 53
3412	37 CNC	+10 1840	73316	11836	.	5674			8 32 40	+ 9 55	216 25	+28 0
3413		−50 3417	73340	11805	.				8 32 53	−50 37	268 16	− 6 10
3414		−57 1591	73389	11797	2056.	5656			8 32 58	−57 40	273 58	−10 23
3415		−57 1590	73390	11796	.	5655			8 32 56	−57 53	274 9	−10 31
3416		− 6 2669	73451	11851	.				8 33 25	− 6 19	232 1	+20 9
3417		−72 713	73468	11776	.				8 33 23	−73 1	287 2	−19 8
3418	5 σ HYA	+ 3 2026	73471	11856	2059.	5683			8 33 32	+ 3 42	222 42	+25 19
3419		−33 5257	73476	11839	.		I		8 33 32	−33 23	254 39	+ 4 26
3420	η PYX	−25 6356	73495	11848	2060.	5678	R2461		8 33 36	−25 54	248 39	+ 8 58
3421		−39 4574	73524	11840	2061.	5676			8 33 43	−39 48	259 46	+ 0 32
3422	34 LYN	+46 1422	73593	11903	2063.	5712			8 34 7	+46 11	174 26	+37 45
3423		+32 1776	73596	11886	.	5703			8 34 6	+32 18	191 39	+35 55
3424		+ 8 2099	73599	11871	.	5689			8 34 3	+ 8 22	218 10	+27 37
3425		−19 2489	73603	11865	.		6903		8 34 10	−19 23	243 23	+12 56
3426		−42 4451	73634	11852	2064.	5682			8 34 8	−42 38	262 3	− 1 8
3427	39 CNC	+20 2158	73665	11888	.	5704			8 34 21	+20 22	205 30	+32 32
3428		+20 2166	73710	11899	.	5711	6921		8 34 38	+20 1	205 55	+32 28
3429	41 ϵ CNC	+20 2171	73731	11904	.	5713			8 34 43	+19 54	206 3	+32 27
3430		−22 2345	73752	11877	2067.	5695	6914		8 34 45	−22 19	245 54	+11 19
3431	6 HYA	−11 2420	73840	11908	2068.	5718			8 35 17	−12 7	237 24	+17 20
3432		−62 1058	73887	11867	2071.	5688	I		8 35 32	−62 30	278 9	−12 59
3433	ζ PYX	−29 6544	73898	11907	2072.	5717	6923	VAR?	8 35 33	−29 12	251 35	+ 7 19
3434		−36 4872	73900	11895	.		I		8 35 33	−36 15	257 11	+ 3 0
3435		−52 1565	73952	11890	.		I		8 35 55	−52 44	270 14	− 7 5
3436		+47 1606	73971	11965	.	5746			8 36 3	+47 16	173 4	+38 7
3437		− 8 2452	73997	11938	.				8 36 11	− 8 42	234 32	+19 26
3438	β PYX	−34 5128	74006	11923	2075.	5724	R2481		8 36 11	−34 57	256 14	+ 3 54
3439		−39 4653	74067	11931	.	5729	I		8 36 39	−39 55	260 12	+ 0 54
3440		−53 1796	74071	11917	.	5721			8 36 35	−53 5	270 35	− 7 13
3441	9 HYA	−15 2554	74137	11959	2077.	5743	6937		8 37 5	−15 35	240 37	+15 43
3442		−52 1579	74146	11933	.	5731	I		8 37 6	−52 42	270 20	− 6 55
3443		−59 1075	74148	11924	.		I		8 37 6	−59 58	276 11	−11 20
3444		−44 4679	74167	11946	.				8 37 11	−44 50	264 7	− 2 4
3445		−46 4438	74180	11951	2079.	5738	I		8 37 19	−46 18	265 17	− 2 57
3446		−11 2432	74190	11969	.				8 37 24	−11 36	237 15	+18 3
3447	o VEL	−52 1583	74195	11943	.	5733		VAR?	8 37 26	−52 34	270 15	− 6 48
3448		−52 1584	74196	11944	.	5734			8 37 26	−52 40	270 20	− 6 52
3449	43 γ CNC	+21 1895	74198	11982	2080.	5751			8 37 30	+21 50	204 9	+33 43
3450	45 CNC	+13 1972	74228	11983	.	5752			8 37 42	+13 2	213 48	+30 27

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
3401	8 39 11	+ 8 8	+59 56	−21	6.38 R	.	A0	−0.017	−0.038	.	− 14	.	.		
3402	8 35 29	+ 4 15	−26 51	−21	5.95	+0.38	A2	−0.024	+0.010	.		.	.		
3403	8 40 13	+ 8 44	+64 20	−21	4.62 R	.	K2III	−0.052	+0.023	+.014	+ 15	.	.		
3404	8 35 13	+ 3 41	−39 59	−21	6.46	+0.58	dG1	+0.080	+0.051	.		.	.		
3405	8 39 0	+ 7 26	+52 55	−21	6.35 R	.	K0	−0.020	−0.039	.	+ 39	.	.		
3406	8 37 6	+ 5 25	+ 9 39	−21	5.94 R	+0.09	A3V	−0.033	−0.012	.	+ 17	.	.		
3407	8 34 43	+ 3 3	−49 57	−21	5.00	+1.33	cG7	+0.000	+0.015	+.003	+ 4	.	.		
3408	8 39 17	+ 7 24	+52 43	−21	5.91 R	.	gK1	−0.031	−0.034	.	+ 27	.	.		
3409	8 38 19	+ 6 15	+32 48	−21	5.91 R	.	gK2	−0.021	−0.016	.	+ 4	.	.		
3410	8 37 40	+ 5 18	+ 5 42	−21	4.14	+0.00	A0V	−0.069	−0.013	+.027	+ 11V	.	.		
3411	8 37 28	+ 4 59	− 4 56	−21	6.21 H	.	K0	−0.009	+0.018	.		.	.		
3412	8 38 5	+ 5 25	+ 9 34	−21	6.43 R	.	A0	−0.040	−0.011	.	+ 28	.	.		
3413	8 35 52	+ 2 59	−50 58	−21	5.79	−0.14	B9si	−0.011	−0.007	.		.	.		
3414	8 35 20	+ 2 22	−58 1	−21	4.85	+1.00	gG9	+0.039	+0.017	+.010	+ 24	.	.		
3415	8 35 15	+ 2 19	−58 14	−21	5.25	−0.15	B3Vn	−0.034	+0.000	.	+ 28V	.	.		
3416	8 38 21	+ 4 56	− 6 40	−21	6.50	+0.45	A2	−0.001	−0.008	.		.	.		
3417	8 32 42	− 0 41	−73 22	−21	6.11	+0.95	K0	−0.037	+0.075	.		.	.		
3418	8 38 46	+ 5 14	+ 3 21	−21	4.44	+1.21	K2III	−0.021	−0.020	+.025	+ 25	.	.		
3419	8 37 30	+ 3 58	−33 44	−21	6.47	+0.34	A5	−0.027	−0.048	.		5.2	22.4		
3420	8 37 52	+ 4 16	−26 15	−21	5.26	−0.04	A0	−0.020	−0.016	+.031	+ 31	8.8	16.7		
3421	8 37 20	+ 3 37	−40 9	−21	6.54	+0.60	dG1	−0.315	+0.029	+.054	+ 0	.	.		
3422	8 41 2	+ 6 55	+45 50	−21	5.35 R	.	G8IV	+0.029	+0.084	+.014	− 37	.	.		
3423	8 40 18	+ 6 12	+31 57	−21	6.05 R	.	F2	−0.033	−0.034	.	+ 13	.	.		6
3424	8 39 25	+ 5 22	+ 8 1	−21	6.45 R	.	K1III	−0.027	−0.041	.	+ 17	.	.		
3425	8 38 41	+ 4 31	−19 44	−21	6.33	+1.59	K5	+0.008	−0.017	.005D		4.0	4.6		2
3426	8 37 39	+ 3 31	−42 59	−21	4.13	+0.10	A9II	−0.013	+0.000	+.012	+ 19	.	.		
3427	8 40 6	+ 5 45	+20 1	−21	6.39	+0.98	K0III	−0.035	−0.020	.	+ 35	.	.		*
3428	8 40 22	+ 5 44	+19 40	−21	6.44	+1.02	K0III	−0.032	−0.022	.	+ 35	.5	63.4	4	*
3429	8 40 27	+ 5 44	+19 33	−21	6.30	+1.72	A m	−0.037	−0.012	.	+ 30V	.	.		*
3430	8 39 8	+ 4 23	−22 39	−20	5.05	+0.74	dG6	−0.237	+0.432	+.058	+ 43V?	3.0	1.7	3	*
3431	8 40 1	+ 4 44	−12 28	−21	4.96	+1.43	K4III	−0.082	−0.004	+.022	− 11	.	.		
3432	8 37 19	+ 1 47	−62 51	−21	5.46	+1.02	gK0	+0.001	−0.028	+.014	+ 21	5.0	8.0		
3433	8 39 42	+ 4 9	−29 33	−21	5.04 H	.	gG4	−0.018	−0.100	+.015	− 32	5.5	52.4		
3434	8 39 23	+ 3 50	−36 36	−21	6.12	+0.43	F3IV	−0.179	+0.036	.024D	+ 9	2.6	1.0		D
3435	8 38 45	+ 2 50	−53 5	−21	6.45	−0.10	B9	−0.015	+0.008	.		6.0	22.3		
3436	8 43 0	+ 6 57	+46 54	−22	6.10 R	.	G5	−0.039	−0.052	.	− 7	.	.		
3437	8 41 2	+ 4 51	− 9 3	−21	6.62	−0.02	A0	−0.028	−0.003	.		.	.		
3438	8 40 6	+ 3 55	−35 18	−21	3.97	+0.92	G4III	+0.013	−0.018	+.011	− 15	9.0	12.8		
3439	8 40 19	+ 3 40	−40 16	−21	5.19	−0.02	B9V	−0.050	−0.007	.	+ 21	3.6	4.2		2
3440	8 39 24	+ 2 49	−53 26	−21	5.47	−0.16	B5	−0.036	+0.014	.	+ 9	.	.		
3441	8 41 43	+ 4 38	−15 57	−22	4.87	+1.06	K1III	−0.003	−0.094	+.026	− 2	6.8	33.5		*
3442	8 39 57	+ 2 51	−53 3	−21	5.20	−0.15	B5V	−0.029	+0.007	.	+ 36V	4.3	16.7		*
3443	8 39 13	+ 2 7	−60 19	−21	6.35	−0.01	A0	−0.034	+0.021	.013D		.7	2.5		2
3444	8 40 36	+ 3 25	−45 11	−21	5.74 H	.	K5	+0.004	−0.008	.		.	.		
3445	8 40 38	+ 3 19	−46 39	−21	3.89	−0.71	F2Ia	−0.012	−0.003	+.023	+ 25V	5.6	37.5		
3446	8 42 10	+ 4 46	−11 57	−21	6.44	+0.16	A2	−0.032	−0.026	.		.	.		
3447	8 40 18	+ 2 52	−52 55	−21	3.61	−0.19	B3III	−0.026	+0.014	.	+ 17V	.	.		G
3448	8 40 17	+ 2 51	−53 1	−21	5.56	−0.14	B8IV	−0.035	+0.025	.	+ 14V?	.	.		
3449	8 43 17	+ 5 47	+21 28	−22	4.72 R	+0.00	A1V	−0.103	−0.044	+.009	+ 29V	.	.		*
3450	8 43 13	+ 5 31	+12 40	−22	5.68 R	.	A9s	−0.001	−0.002	.	− 13	.	.		6

BS = HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
3451		+37 1899	74243	11995	.	5758			8 37 46	+37 17	185 42	+37 35
3452		−46 4448	74272	11966	2081.	5747			8 37 56	−46 58	265 53	− 3 17
3453		−48 4020	74273	11962	.				8 37 55	−48 34	267 8	− 4 16
3454	7 η HYA	+ 3 2039	74280	11987	.	5754		VAR?	8 38 0	+ 3 45	223 15	+26 19
3455		−57 1644	74341	11963	.		I		8 38 17	−57 11	274 1	− 9 31
3456		−44 4704	74371	11978	.	5750			8 38 33	−45 3	264 26	− 2 0
3457		−59 1080	74375	11964	.	5745	R2495		8 38 24	−59 24	275 49	−10 51
3458		+ 4 2029	74393	12007	.				8 38 45	+ 4 42	222 25	+26 56
3459		− 6 2708	74395	12006	2085.	5762			8 38 46	− 6 52	233 17	+20 58
3460	θ VOL	−69 946	74405	11947	2084.	5736	R2486		8 38 43	−70 2	284 41	−17 7
3461	47 δ CNC	+18 2027	74442	12022	2086.	5768	6967		8 39 0	+18 31	208 1	+32 53
3462		−47 4251	74455	11988	.	5755	R2506		8 39 2	−47 44	266 36	− 3 37
3463		−35 4976	74475	11998	.				8 39 3	−35 35	257 5	+ 3 58
3464	46 CNC	+31 1876	74485	12037	2088.	5774			8 39 13	+31 4	193 26	+36 42
3465	49 CNC	+10 1864	74521	12029	.	5771			8 39 19	+10 27	216 42	+29 42
3466		−52 1605	74535	11992	.	5756	AB		8 39 27	−52 44	270 34	− 6 40
3467		−52 1607	74560	11997	.	5759	C		8 39 33	−52 45	270 36	− 6 40
3468	α PYX	−32 5651	74575	12018	.	5765			8 39 34	−32 50	255 0	+ 5 46
3469	10 HYA	+ 6 2030	74591	12041	.	5775			8 39 44	+ 6 3	221 13	+27 47
3470		+67 560	74604	12108	.				8 39 46	+67 4	148 15	+36 15
3471		−55 1688	74622	11999	.				8 39 44	−55 25	272 44	− 8 17
3472		− 2 2676	74688	12054	.	5779	6977A		8 40 18	− 2 14	229 16	+23 47
3473		−20 2667	74706	12052	.				8 40 27	−20 48	245 27	+13 17
3474	48 ι CNC	+29 1823	74738	12080	.		6988B	VAR?	8 40 38	+29 8	195 52	+36 32
3475	48 ι CNC	+29 1824	74739	12083	2091.	5783	6988A	VAR?	8 40 39	+29 8	195 52	+36 32
3476		−49 3761	74753	12031	.	5772			8 40 32	−49 28	268 6	− 4 30
3477		−42 4569	74772	12050	2092.	5777	I		8 40 50	−42 17	262 32	+ 0 3
3478		− 1 2125	74794	12077	.	5782			8 40 58	− 1 41	228 51	+24 12
3479		−36 4980	74824	12058	.				8 41 1	−36 47	258 17	+ 3 32
3480		−10 2634	74860	12086	.		B		8 41 19	−10 39	237 0	+19 23
3481	50 CNC	+12 1904	74873	12104	.	5790			8 41 27	+12 29	214 50	+31 3
3482	11 ϵ HYA	+ 6 2036	74874	12102	2096.	5788	6993		8 41 29	+ 6 47	220 43	+28 31
3483		−24 7377	74879	12082	.				8 41 30	−25 1	249 2	+10 55
3484	12 HYA	−13 2673	74918	12097	2097.	5786	R2543		8 41 39	−13 11	239 15	+18 0
3485	δ VEL	−54 1788	74956	12069	2098.	5781	I		8 41 57	−54 21	272 5	− 7 22
3486		− 1 2130	74988	12122	2100.	5795			8 42 11	− 1 32	228 53	+24 33
3487		−45 4517	75063	12109	2101.	5792			8 42 38	−45 41	265 23	− 1 51
3488		−40 4602	75081	12118	.				8 42 44	−40 45	261 34	+ 1 17
3489		−58 1202	75086	12094	.		IA		8 42 43	−58 22	275 20	− 9 47
3490		−34 5243	75112	12126	.				8 42 51	−34 15	256 32	+ 5 25
3491		−67 990	75116	12074	.				8 42 58	−67 51	283 4	−15 32
3492	13 ρ HYA	+ 6 2040	75137	12148	2105.	5801	7006		8 43 8	+ 6 12	221 31	+28 36
3493		− 6 2727	75140	12141	.				8 43 9	− 6 11	233 18	+22 15
3494		−45 4526	75149	12125	.	5796			8 43 6	−45 33	265 20	− 1 42
3495		−65 1013	75171	12090	.				8 43 7	−65 28	281 6	−14 5
3496		−45 4541	75276	12142	.	5799			8 43 55	−45 47	265 36	− 1 44
3497		−41 4507	75289	12153	2106.				8 44 2	−41 22	262 12	+ 1 5
3498		−56 1865	75311	12138	.	5798		VAR?	8 44 7	−56 24	273 54	− 8 25
3499		+33 1765	75332	12187	.	5813			8 44 20	+33 40	190 31	+38 17
3500	14 HYA	− 2 2699	75333	12172	.	5809			8 44 20	− 3 4	230 38	+24 11

BS= HR	RA (2000)	$\Delta\alpha$ 100 YR	DEC (2000)	$\Delta\delta$ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
3451	8 44 10	+ 6 24	+36 55	−22	6.28 R	.	F2	−0.031	−0.100	.	+ 4	.	.		
3452	8 41 13	+ 3 17	−47 19	−21	4.76	+0.13	A5II	−0.020	+0.003	−.005	+ 17V	.	.		
3453	8 41 5	+ 3 10	−48 55	−21	5.90	−0.22	B2Vn	−0.013	+0.004	.	+ 18	.	.		
3454	8 43 14	+ 5 14	+ 3 23	−22	4.30	−0.20	B3V	−0.018	−0.005	.	+ 21V	.	.		
3455	8 40 44	+ 2 27	−57 32	−21	6.33	+0.21	A2	−0.018	+0.020	.022D		2.2	4.1		2
3456	8 41 57	+ 3 24	−45 25	−22	5.22	+0.22	B5Iab	−0.012	−0.007	.	+ 25	.	.		
3457	8 40 37	+ 2 13	−59 45	−21	4.32	−0.12	B1III	−0.005	−0.007	.	+ 13V	8.1	16.9		6
3458	8 44 0	+ 5 15	+ 4 20	−22	6.22 R	.	B8	−0.033	−0.008	.		.	.		
3459	8 43 41	+ 4 55	− 7 14	−22	4.63	+0.83	G2Ib	−0.004	+0.000	−.002	+ 31	.	.		
3460	8 39 5	+ 0 22	−70 23	−21	5.19	+0.01	A0	+0.018	−0.049	+.001	+ 13	9.7	21.5	3	
3461	8 44 41	+ 5 41	+18 9	−22	4.06 R	.	K0III	−0.014	−0.236	+.001	+ 17	8.0	45.8		1
3462	8 42 16	+ 3 14	−48 6	−22	5.52	−0.20	B3Vn	−0.032	−0.012	.	+ 58V	2.9	.4		G
3463	8 42 57	+ 3 54	−35 57	−22	6.41	+0.02	A1	−0.007	+0.015	.		.	.		
3464	8 45 21	+ 6 8	+30 42	−22	6.13	+0.94	G5III	+0.000	−0.008	+.004	− 12	.	.		G
3465	8 44 45	+ 5 26	+10 5	−22	5.66	−0.11	A p	−0.015	−0.022	.	+ 24	.	.		
3466	8 42 19	+ 2 52	−53 6	−22	5.51	−0.16	A p?	−0.035	+0.018	.	+ 20	2.2	.5	4	D
3467	8 42 25	+ 2 52	−53 7	−22	4.84	−0.18	B4IV	−0.022	+0.017	.	+ 22	.6	76.6	4	D
3468	8 43 35	+ 4 1	−33 12	−22	3.68	−0.18	B2III	−0.015	+0.011	.	+ 15	.	.		
3469	8 45 2	+ 5 18	+ 5 41	−22	6.12	+0.20	A3n	−0.003	−0.008	.	− 6	.	.		6
3470	8 48 49	+ 9 3	+66 42	−22	6.15 R	−0.11	B8	−0.009	−0.042	.		.	.		
3471	8 42 22	+ 2 38	−55 47	−22	6.28	+1.18	K0	−0.075	+0.047	.		.	.		
3472	8 45 21	+ 5 3	− 2 36	−22	6.41	+0.53	dF5	+0.003	−0.008	.005D	− 18	1.0	4.8		D
3473	8 44 55	+ 4 28	−21 10	−22	6.10	+0.22	A2	−0.011	+0.003	.		.	.		
3474	8 46 41	+ 6 3	+28 46	−22	6.61 H	.	A3V	−0.016	−0.045	.		2.1	30.7		D
3475	8 46 42	+ 6 3	+28 46	−22	4.20 H	.	G8II	−0.020	−0.047	+.021	+ 16	2.1	30.7		D
3476	8 43 40	+ 3 8	−49 50	−22	5.15	−0.22	B0Vn	+0.020	−0.002	.	+ 28	.	.		
3477	8 44 24	+ 3 34	−42 39	−22	4.05	+0.87	sgG5	−0.019	+0.016	+.043	− 2	5.8	47.2		1
3478	8 46 2	+ 5 4	− 2 3	−22	5.82 H	.	gK0	+0.040	+0.040	.	+ 10	.	.		
3479	8 44 52	+ 3 51	−37 9	−22	5.75	−0.16	B8	−0.014	−0.002	.		.	.		
3480	8 46 7	+ 4 48	−11 1	−22	6.47 H	.	K5	−0.021	+0.023	.		5.0	2.4		
3481	8 46 56	+ 5 29	+12 7	−22	5.63 R	+0.11	A1V	−0.069	−0.057	.	+ 23	.	.		
3482	8 46 47	+ 5 18	+ 6 25	−22	3.36	+0.69	G0III+dF7	−0.191	−0.054	+.010	+ 36V	1.5	.4	6	*
3483	8 45 50	+ 4 20	−25 23	−22	6.09	+0.08	A0	−0.031	+0.028	.		.	.		
3484	8 46 22	+ 4 43	−13 33	−22	4.31	+0.90	G8III	+0.015	−0.015	+.008	− 8V	9.1	22.8		6
3485	8 44 43	+ 2 46	−54 43	−22	1.95	+0.04	A0V	+0.017	−0.084	+.043	+ 2	4.6	3.5	3	*
3486	8 47 15	+ 5 4	− 1 54	−22	5.22 H	.	A2	−0.033	−0.002	+.017	+ 2V	.	.		6
3487	8 46 1	+ 3 23	−46 3	−22	3.90	+0.00	A0III	−0.010	−0.005	−.004	+ 24	.	.		
3488	8 46 24	+ 3 40	−41 7	−22	6.20	−0.06	A0	−0.025	−0.004	.		.	.		
3489	8 45 5	+ 2 22	−58 44	−22	6.21	−0.10	B8	−0.033	−0.026	.006D		.4	4.9		2
3490	8 46 49	+ 3 58	−34 37	−22	6.36	−0.15	B3	−0.027	+0.005	.		.	.		
3491	8 43 55	+ 0 57	−68 13	−22	6.31	+1.50	K2	+0.001	+0.021	.		.	.		
3492	8 48 26	+ 5 18	+ 5 50	−22	4.34	−0.04	A0V	−0.019	−0.037	+.009	+ 33V	7.5	12.4		*
3493	8 48 5	+ 4 56	− 6 33	−22	6.22 H	.	K0	+0.010	−0.024	.		.	.		
3494	8 46 30	+ 3 24	−45 55	−22	5.46	+0.25	B3Ia	−0.003	−0.016	.	+ 25	.	.		
3495	8 44 30	+ 1 23	−65 50	−22	6.04	+0.21	A2	−0.065	+0.094	.		.	.		
3496	8 47 19	+ 3 24	−46 9	−22	5.75	+0.56	F2Iab	−0.006	−0.012	.	+ 32	.	.		
3497	8 47 41	+ 3 39	−41 45	−23	6.36	+0.58	G0	−0.006	−0.244	+.022	+ 14V	.	.		
3498	8 46 42	+ 2 35	−56 46	−22	4.63 H	.	B2Vne	−0.001	+0.005	.	+ 27	.	.		
3499	8 50 33	+ 6 13	+33 18	−22	6.12 R	.	dF7	−0.064	−0.087	.	+ 5	.	.		
3500	8 49 21	+ 5 1	− 3 26	−22	5.19 H	−0.10	A p	−0.027	−0.023	.	+ 33	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
3501		−41 4516	75387	12164	.				8 44 33	−42 6	262 50	+ 0 42
3502	η CHA	−78 372	75416	12063	.	5780			8 44 44	−78 36	292 24	−21 39
3503		−52 1675	75466	12166	.				8 45 4	−52 29	270 55	− 5 50
3504		+19 2110	75469	12200	.	5817			8 45 4	+19 13	207 52	+34 29
3505	5 UMA	+62 1027	75486	12235	.	5836			8 45 8	+62 20	153 50	+37 55
3506		+59 1198	75487	12234	.	5835			8 45 12	+59 26	157 27	+38 30
3507		−20 2693	75495	12188	.				8 45 15	−20 41	246 4	+14 15
3508	35 LYN	+44 1794	75506	12221	2108.	5826			8 45 14	+44 6	177 11	+39 38
3509		+45 1649	75523	12226	.	5827			8 45 24	+45 41	175 8	+39 42
3510	54 CNC	+15 1917	75528	12211	.	5821			8 45 27	+15 43	211 48	+33 15
3511		+42 1935	75556	12228	.	5829			8 45 33	+42 23	179 25	+39 36
3512		−32 5770	75605	12195	2111.	5816		VAR?	8 45 48	−32 24	255 29	+ 7 3
3513		−28 6600	75629	12202	.	5818			8 45 51	−29 5	252 53	+ 9 9
3514		−39 4838	75630	12193	2112.	5814			8 45 56	−39 57	261 21	+ 2 16
3515					.							
3516		−28 6610	75649	12212	.				8 46 8	−28 14	252 15	+ 9 44
3517		−38 4925	75654	12203	.				8 46 6	−38 46	260 27	+ 3 3
3518	γ PYX	−27 5986	75691	12216	2114.	5824			8 46 17	−27 20	251 34	+10 20
3519	51 σ^1 CNC	+33 1770	75698	12242	.	5840	7057		8 46 24	+32 51	191 38	+38 34
3520		−44 4861	75710	12204	2115.	5819			8 46 20	−44 56	265 13	+ 0 52
3521	53 CNC	+28 1659	75716	12240	2116.	5838			8 46 28	+28 38	196 52	+37 39
3522	55 ρ^1 CNC	+28 1660	75732	12244	2117.	5843			8 46 39	+28 43	196 47	+37 42
3523	15 HYA	− 6 2743	75737	12232	.	5834	7050	VAR?	8 46 40	− 6 48	234 23	+22 38
3524		−78 378	75747	12128	.				8 46 38	−78 42	292 33	−21 38
3525		−41 4560	75759	12218	.				8 46 43	−41 43	262 48	+ 1 15
3526		+ 5 2074	75811	12249	.	5844	7061		8 47 7	+ 5 43	222 33	+29 15
3527		−46 4661	75821	12227	.	5828	I		8 47 10	−46 9	266 15	− 1 32
3528		+36 1883	75896	12272	.	5849			8 47 38	+35 55	187 48	+39 20
3529		−12 2716	75916	12258	.		7062		8 47 46	−12 51	239 52	+19 24
3530		−42 4723	75926	12245	.				8 47 51	−42 8	263 15	+ 1 9
3531	6 UMA	+65 673	75958	12317	.	5860			8 48 3	+64 59	150 29	+37 36
3532	57 CNC	+31 1907	75959	12289	.	5853	7071		8 48 9	+30 57	194 7	+38 32
3533		−32 5814	76001	12262	.				8 48 21	−32 8	255 37	+ 7 38
3534		−36 5125	76072	12267	.		I	VAR?	8 48 44	−36 10	258 47	+ 5 7
3535		−38 4980	76110	12274	.				8 48 59	−38 21	260 30	+ 3 45
3536		−57 1759	76113	12260	.	5846			8 49 4	−57 15	274 59	− 8 25
3537		−66 927	76143	12253	2129.	5845	I		8 49 14	−66 25	282 17	−14 10
3538		− 4 2490	76151	12307	2130.	5857			8 49 22	− 5 4	233 13	+24 10
3539		−47 4460	76161	12279	.	5851			8 49 21	−47 59	267 53	− 2 26
3540	58 ρ^2 CNC	+28 1666	76219	12326	2131.	5865			8 49 40	+28 19	197 29	+38 15
3541	X CNC	+17 1973	76221	12322	2131.1	5862		X CNC	8 49 45	+17 37	210 10	+34 56
3542		−51 3303	76230	12288	.		I		8 49 39	−51 45	270 48	− 4 50
3543		−79 352	76236	12194	.				8 49 36	−79 8	293 1	−21 45
3544		−72 747	76270	12252	.				8 49 53	−72 11	287 4	−17 39
3545		+46 1459	76291	12346	.	5876			8 50 4	+46 1	174 42	+40 31
3546		+40 2125	76292	12341	.	5873			8 50 1	+40 35	181 50	+40 19
3547	16 ζ HYA	+ 6 2060	76294	12327	2134.	5866			8 50 7	+ 6 20	222 20	+30 12
3548		−39 4924	76304	12311	.		I		8 50 6	−40 4	261 57	+ 2 48
3549		−56 1918	76346	12303	.				8 50 24	−56 16	274 21	− 7 39
3550	60 CNC	+12 1941	76351	12339	.	5871		VAR?	8 50 28	+12 0	216 27	+32 50

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
3501	8 48 9	+ 3 36	−42 28	−22	6.42	−0.20	B8	−0.010	−0.011	.		.	.		G
3502	8 41 20	− 3 24	−78 58	−22	5.46	−0.10	B9IV	−0.031	+0.017	.	+ 18V	.	.		
3503	8 48 0	+ 2 56	−52 51	−22	6.37 H	.	B9	−0.033	+0.002	.		.	.		
3504	8 50 45	+ 5 41	+18 51	−22	6.09 R	−0.01	A0V	−0.013	−0.027	.	+ 19	.	.		
3505	8 53 22	+ 8 14	+61 58	−22	5.69 R	.	F0	−0.008	+0.020	.	− 31	.	.		
3506	8 53 6	+ 7 54	+59 4	−22	6.16 R	.	gF2	+0.015	−0.002	.	+ 9	.	.		
3507	8 49 44	+ 4 29	−21 3	−22	6.46	+0.24	A3	+0.006	−0.068	.		.	.		
3508	8 51 57	+ 6 43	+43 44	−22	5.17 R	.	K0III	−0.011	+0.041	+.016	+ 15	.	.		
3509	8 52 12	+ 6 48	+45 18	−23	6.96 R	.	gK1	−0.025	−0.044	.	+ 12	.	.		
3510	8 51 1	+ 5 34	+15 21	−22	6.18 R	.	dG2	−0.113	+0.072	.	+ 45	.	.		
3511	8 52 10	+ 6 37	+42 0	−23	6.01 R	.	gK2	−0.036	−0.078	.	+ 57	.	.		
3512	8 49 52	+ 4 4	−32 46	−22	5.20	+0.87	gG5	+0.005	−0.049	+.021	− 8V	.	.		G
3513	8 50 3	+ 4 12	−29 27	−22	5.98 H	.	gG7	−0.018	+0.004	.	− 10	.	.		
3514	8 49 39	+ 3 43	−40 19	−22	5.48	+0.06	A2	−0.015	−0.017	+.029	+ 17	.	.		
3515					.	.		.	.	.		.	.		
3516	8 50 21	+ 4 13	−28 36	−22	6.16	−0.09	B9	−0.024	−0.026	.		.	.		
3517	8 49 52	+ 3 46	−39 8	−22	6.38	+0.23	A2	−0.085	+0.027	.		.	.		
3518	8 50 32	+ 4 15	−27 42	−22	4.02	+1.27	K4III	−0.129	+0.083	+.025	+ 25	.	.		
3519	8 52 35	+ 6 11	+32 29	−22	5.76 R	.	A m	+0.000	+0.010	.	− 23V	3.6	82.1	3	6
3520	8 49 48	+ 3 28	−45 18	−22	5.02 H	.	A2	+0.001	+0.011	+.007	+ 5V	.	.		
3521	8 52 29	+ 6 1	+28 15	−23	6.14 R	.	gM3	−0.015	−0.009	−.003	+ 11	.	.		
3522	8 52 36	+ 5 57	+28 20	−23	5.94	+0.87	dK0	−0.481	−0.240	+.074	+ 27	7.	85.		*
3523	8 51 35	+ 4 55	− 7 10	−22	5.53	+0.15	A m	−0.046	−0.002	.011D	+ 37V	3.0	1.2	4	*
3524	8 43 13	− 3 25	−79 4	−22	6.04	+0.24	A5	−0.027	+0.036	.		.	.		
3525	8 50 21	+ 3 38	−42 5	−22	6.10 H	.	B2	−0.018	−0.009	.	+ 28	.	.		
3526	8 52 24	+ 5 17	+ 5 20	−23	6.32	+0.12	A3	−0.006	−0.018	.	− 6	3.2	.8		2
3527	8 50 34	+ 3 24	−46 31	−22	5.09	−0.22	B0III	−0.009	−0.006	.	+ 8V	6.6	3.7		3
3528	8 53 56	+ 6 18	+35 32	−23	5.95 R	+0.04	A3III	−0.022	−0.028	.	+ 22V?	.	.		
3529	8 52 31	+ 4 45	−13 14	−23	6.25 H	.	K0	+0.023	−0.023	.		5.3	33.8		
3530	8 51 28	+ 3 37	−42 30	−22	6.54	+0.04	A2	−0.029	+0.025	.		.	.		
3531	8 56 37	+ 8 34	+64 36	−23	5.55 R	.	gG3	−0.025	−0.085	.	+ 3V	.	.		6
3532	8 54 15	+ 6 6	+30 34	−23	5.47 R	.	gG7	+0.043	−0.024	.005D	− 60	.5	1.8	3	D
3533	8 52 26	+ 4 5	−32 31	−23	6.49	+1.46	K2	−0.013	−0.008	.		.	.		
3534	8 52 39	+ 3 55	−36 33	−23	6.41	+0.56	G8III+A2	−0.022	−0.020	.		.0	.1		2
3535	8 52 48	+ 3 49	−38 44	−23	5.82 H	.	gM0	−0.007	+0.010	.		.	.		
3536	8 51 37	+ 2 33	−57 38	−23	5.59	−0.12	B8	−0.014	+0.008	.	+ 8	.	.		
3537	8 50 35	+ 1 21	−66 47	−22	5.34	+0.42	g?F4	+0.088	+0.092	+.023	+ 42	6.6	20.		
3538	8 54 18	+ 4 56	− 5 27	−23	5.99	+0.68	dG3	−0.418	+0.027	+.078	+ 26	.	.		
3539	8 52 39	+ 3 18	−48 22	−23	6.11 H	.	B6?Vn	−0.017	−0.010	.	+ 3V?	.	.		
3540	8 55 39	+ 5 59	+27 56	−23	5.15 R	.	G8II-III	−0.011	−0.038	−.005	+ 17	.	.		
3541	8 55 23	+ 5 38	+17 14	−23	5.9 H	.	$C5_4$	+0.003	+0.003	+.045	− 1	.	.		
3542	8 52 41	+ 3 2	−52 8	−23	6.38	+0.00	A0	−0.026	+0.001	.		2.0	3.8		D
3543	8 45 55	− 3 41	−79 30	−22	5.78	+1.60	K2	−0.027	+0.081	.		.	.		
3544	8 49 50	− 0 3	−72 34	−23	6.10	+0.21	A2	+0.001	+0.019	.		.	.		
3545	8 56 50	+ 6 46	+45 38	−23	5.74	+1.09	K1IV	−0.124	−0.042	.	+ 59	.	.		
3546	8 56 30	+ 6 29	+40 12	−23	5.80 R	.	gF3	−0.082	−0.054	.	+ 26	.	.		G
3547	8 55 24	+ 5 17	+ 5 57	−23	3.12	+1.00	K0II-III	−0.100	+0.011	+.029	+ 23	.	.		
3548	8 53 50	+ 3 44	−40 27	−23	6.46 H	.	K0+A5	−0.013	+0.004	.		.	.		
3549	8 53 4	+ 2 40	−56 39	−23	6.02	−0.02	A0	−0.019	+0.028	.		.	.		
3550	8 55 56	+ 5 28	+11 37	−23	5.56 R	.	gK5	−0.010	−0.015	.	+ 24	.	.		

BS = HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
3551		−47 4480	76360	12314	2136.	5859	F		8 50 29	−47 8	267 22	− 1 44
3552	17 HYA	− 7 2661	76369	12334	.	5867	7093B		8 50 36	− 7 35	235 41	+23 1
3553	17 HYA	− 7 2661	76370	12335	.	5868	7093A		8 50 36	− 7 35	235 41	+23 1
3554		−17 2691	76376	12331	.				8 50 37	−17 51	244 31	+16 58
3555	59 σ^2 CNC	+33 1785	76398	12358	2140.	5881			8 50 46	+33 18	191 17	+39 33
3556	δ PYX	−27 6072	76483	12343	2141.	5875	7095		8 51 14	−27 18	252 15	+11 12
3557		+ 4 2081	76494	12361	.	5883			8 51 22	+ 4 37	224 14	+29 38
3558		+17 1979	76508	12367	.	5884			8 51 31	+17 32	210 27	+35 17
3559		−23 7902	76512	12352	.				8 51 31	−23 26	249 13	+13 41
3560		−59 1174	76538	12325	.	5864			8 51 32	−59 58	277 19	− 9 55
3561	62 o CNC	+15 1945	76543	12373	.	5886			8 51 40	+15 42	212 32	+34 37
3562		−44 4951	76566	12349	.		I		8 51 49	−44 40	265 39	+ 0 3
3563	61 CNC	+30 1795	76572	12388	.	5889	7107		8 51 54	+30 37	194 45	+39 15
3564		−16 2639	76579	12365	.				8 51 56	−16 19	243 27	+18 9
3565	63 CNC	+16 1864	76582	12380	.	5887			8 52 0	+15 58	212 16	+34 48
3566		+36 1889	76595	12393	.	5894			8 52 10	+36 11	187 38	+40 17
3567		+ 9 2093	76629	12389	.	5892			8 52 18	+ 9 46	219 4	+32 16
3568		−57 1790	76640	12351	.				8 52 23	−57 51	275 45	− 8 28
3569	9 ι UMA	+48 1707	76644	12407	2143.	5900	7114		8 52 22	+48 26	171 30	+40 50
3570		−54 1925	76653	12354	.	5878			8 52 22	−54 35	273 14	− 6 21
3571		−60 1243	76728	12359	.	5882	I		8 52 47	−60 16	277 39	− 9 59
3572	65 α CNC	+12 1948	76756	12406	2147.	5899	7115		8 53 1	+12 15	216 30	+33 31
3573		+ 2 2112	76757	12398	.	5895	B		8 52 59	+ 1 56	227 8	+28 39
3574		−52 1788	76805	12381	.	5888	I		8 53 18	−52 20	271 37	− 4 47
3575	64 σ^3 CNC	+32 1821	76813	12417	.	5907			8 53 24	+32 48	192 3	+40 0
3576	8 ρ UMA	+68 551	76827	12447	2148.	5918			8 53 32	+68 1	146 38	+37 13
3577		+18 2093	76830	12414	2149.	5904		VAR?	8 53 32	+18 31	209 32	+36 6
3578		−15 2656	76932	12415	2150.	5906			8 54 02	−15 45	243 18	+18 54
3579		+42 1956	76943	12434	2153.	5914	K		8 54 9	+42 11	179 47	+41 11
3580		+38 1986	76944	12432	.	5913			8 54 9	+38 0	185 19	+40 53
3581		+84 196	76990	12603	.	5979			8 54 32	+84 35	128 24	+30 26
3582		−58 1301	77002	12405	.	5898	IA		8 54 32	−58 51	276 42	− 8 54
3583		−48 4282	77020	12413	.				8 54 36	−48 11	268 37	− 1 54
3584		−18 2536	77084	12433	.				8 55 6	−18 49	246 0	+17 13
3585		−28 6793	77087	12430	.				8 55 1	−28 25	253 40	+11 8
3586		+40 2138	77093	12461	.	5924			8 55 14	+40 6	182 34	+41 16
3587	66 CNC	+32 1829	77104	12456	.	5923	7137		8 55 16	+32 39	192 20	+40 21
3588		−46 4810	77140	12431	2155.	5912	R2662		8 55 29	−46 51	267 43	+ 0 54
3589	67 CNC	+28 1674	77190	12471	.	5928			8 55 51	+28 18	197 56	+39 34
3590		+ 6 2087	77250	12473	.	5929			8 56 15	+ 6 2	223 29	+31 24
3591		−40 4810	77258	12451	2161.	5922		VAR?	8 56 21	−40 52	263 20	+ 3 11
3592		+54 1272	77309	12507	.	5942			8 56 41	+54 41	163 11	+40 51
3593		−42 4875	77320	12464	.				8 56 44	−42 47	264 49	+ 1 58
3594	12 κ UMA	+47 1633	77327	12503	2162.	5940	7158		8 56 48	+47 33	172 38	+41 37
3595	69 ν CNC	+25 2029	77350	12496	2162.1	5935			8 56 54	+24 51	202 18	+38 53
3596		+ 0 2449	77353	12487	.	5932			8 56 51	− 0 6	229 41	+28 25
3597		−26 6647	77361	12478	.				8 56 51	−26 16	252 15	+12 49
3598		−58 1327	77370	12449	2163.	5921	I		8 56 57	−58 42	276 48	− 8 34
3599		+ 7 2066	77445	12499	.	5938			8 57 25	+ 7 41	221 56	+32 26
3600		−41 4720	77475	12489	.	5933			8 57 38	−41 28	263 57	+ 2 58

BS= HR	RA (2000)	$\Delta\alpha$ 100 YR	DEC (2000)	$\Delta\delta$ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
3551	8 53 50	+ 3 21	−47 31	−23	5.32	+0.27	A m	−0.002	−0.032	+.012	− 1V	.0	.1		R
3552	8 55 30	+ 4 54	− 7 58	−23	6.91 H	.	A3	−0.003	−0.041	.004D	− 20	.1	4.4		D
3553	8 55 30	+ 4 54	− 7 58	−23	6.67 H	.	A m	+0.000	−0.027	.004D	− 10	.1	4.4		D
3554	8 55 13	+ 4 36	−18 14	−23	5.90 H	.	K0	+0.026	−0.003	.		.	.		
3555	8 56 56	+ 6 10	+32 55	−23	5.39 R	.	A3	−0.045	−0.074	+.009	+ 5	.	.		
3556	8 55 31	+ 4 17	−27 41	−23	4.87	+0.12	A3V	+0.077	−0.106	+.029	+ 5	8.5	23.8		
3557	8 56 37	+ 5 15	+ 4 14	−23	6.13	+1.00	G5	−0.021	+0.002	.	− 12	.	.		
3558	8 57 8	+ 5 37	+17 9	−23	6.16 R	.	K1III	−0.043	−0.032	.	+ 19	.	.		
3559	8 55 56	+ 4 25	−23 49	−23	6.38	+0.16	A3	−0.032	+0.067	.		.	.		
3560	8 53 49	+ 2 17	−60 21	−23	5.77	−0.10	B5	−0.008	−0.003	.	+ 2	.	.		
3561	8 57 15	+ 5 35	+15 19	−23	5.07 R	.	A3	+0.058	+0.011	.	+ 0	.	.		
3562	8 55 20	+ 3 31	−45 3	−23	6.25	−0.17	B3V	−0.006	+0.004	.	+ 22	7.2	35.0		
3563	8 57 58	+ 6 4	+30 14	−23	6.13 R	.	dF3	+0.057	+0.019	.	+ 8	.0	.3		
3564	8 56 35	+ 4 39	−16 42	−23	6.15 H	.	K0	−0.010	−0.050	.		.	.		
3565	8 57 35	+ 5 35	+15 35	−23	5.64 R	.	A5	+0.059	+0.023	.	− 4V?	.	.		
3566	8 58 27	+ 6 17	+35 48	−23	6.44 R	−0.01	A1V	+0.010	−0.017	.	− 15	.	.		
3567	8 57 41	+ 5 23	+ 9 23	−23	6.18	+0.98	G8III	−0.018	−0.004	.	− 14	.	.		
3568	8 54 54	+ 2 31	−58 14	−23	6.38	−0.12	B5III	−0.024	−0.004	.	+ 13	.	.		
3569	8 59 13	+ 6 51	+48 2	−24	3.14	+0.18	A7V	−0.442	−0.243	+.066	+ 12	6.4	10.7	3	D
3570	8 55 12	+ 2 50	−54 58	−23	5.70	+0.48	dF8	+0.033	−0.087	.	− 2	.	.		
3571	8 55 3	+ 2 16	−60 39	−23	3.84	−0.11	B8II	−0.017	+0.042	.	+ 25	8.5	29.0		
3572	8 58 29	+ 5 28	+11 52	−23	4.25 R	.	A m	+0.035	−0.037	+.018	− 14	6.5	11.5		*
3573	8 58 9	+ 5 10	+ 1 33	−23	6.45 R	.	A0	−0.033	−0.012	.	+ 26	6.0	2.4		2
3574	8 56 19	+ 3 1	−52 43	−23	4.68	−0.13	B5V	−0.006	+0.002	.020D	+ 22V	2.8	3.5		R
3575	8 59 32	+ 6 8	+32 25	−23	5.46 R	.	gG9	−0.039	−0.041	.	+ 23	.	.		
3576	9 2 33	+ 9 1	+67 38	−23	4.80 R	.	gM3	−0.020	+0.014	−.001	+ 5	.	.		
3577	8 59 11	+ 5 39	+18 8	−23	6.40 R	.	M4III	−0.041	−0.075	−.006	+ 21	.	.		
3578	8 58 44	+ 4 42	−16 8	−23	5.82?	+0.53	F9V	+0.239	+0.216	+.020	+122	.	.		
3579	9 0 38	+ 6 29	+41 47	−24	3.95	+0.43	F5V	−0.436	−0.255	+.070	+ 26	2.0	.6		*
3580	9 0 30	+ 6 21	+37 37	−23	6.39 R	.	K5	−0.005	−0.006	.	− 17	.	.		
3581	9 15 21	+ 20 49	+84 11	−24	6.22 R	.	dF2	+0.027	+0.013	.	− 6V	.	.		R
3582	8 56 59	+ 2 27	−59 14	−23	5.08 H	.	B3IV	−0.015	+0.003	.	+ 25	1.7	40.6		D
3583	8 57 55	+ 3 19	−48 34	−23	5.86 H	.	gG9	−0.004	−0.008	.		.	.		
3584	8 59 40	+ 4 34	−19 13	−24	6.26 H	.	F8	−0.051	−0.101	.		.	.		
3585	8 59 16	+ 4 15	−28 48	−23	6.24	+1.01	G5	−0.065	+0.011	.		.	.		
3586	9 1 40	+ 6 26	+39 42	−24	6.15 R	.	F0	−0.049	−0.085	.	− 8	.	.		
3587	9 1 24	+ 6 8	+32 16	−23	6.76 R	+0.00	A3V	−0.003	−0.003	.	− 13	2.1	4.7	3	D
3588	8 58 53	+ 3 24	−47 14	−23	5.17	+0.65	F0III	−0.095	+0.049	+.007	+ 20	6.0	24.2		G
3589	9 1 49	+ 5 58	+27 54	−24	5.96 R	.	A5	−0.054	−0.081	.	+ 12V?	.	.		6
3590	9 1 32	+ 5 17	+ 5 38	−24	6.06	+1.12	K1II-III	−0.030	−0.010	.	+ 33	1.6	269.		D
3591	9 0 5	+ 3 44	−41 15	−23	4.44	+0.65	F8III	−0.044	+0.041	+.023	− 7V	.	.		R
3592	9 4 0	+ 7 19	+54 17	−24	5.64 R	.	A2n	−0.003	−0.004	.	− 2	.	.		
3593	9 0 23	+ 3 39	−43 10	−23	6.08	−0.18	B2.5Vn	−0.022	+0.016	.		.	.		
3594	9 3 37	+ 6 49	+47 9	−24	3.66 R	.	A0	−0.032	−0.062	+.010	+ 4	.2	.2		D
3595	9 2 45	+ 5 51	+24 27	−24	5.46	−0.03	A p	−0.001	−0.009	+.002	− 15V?	.	.		G
3596	9 1 57	+ 5 6	− 0 29	−23	5.68	+1.14	K0III	−0.051	+0.074	.	+ 73	.	.		
3597	9 1 11	+ 4 20	−26 40	−24	6.38 H	.	K0	+0.024	−0.060	.		.	.		
3598	8 59 24	+ 2 27	−59 5	−23	5.15	+0.42	dF4	−0.177	+0.273	+.048	+ 11	7.0	29.1		1
3599	9 2 45	+ 5 20	+ 7 17	−24	5.84	+1.11	gK3	−0.018	−0.009	.	+ 27	.	.		
3600	9 1 21	+ 3 43	−41 52	−24	5.54	−0.15	B5	−0.029	+0.002	.	+ 22V	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
3601	70 CNC	+28 1683	77557	12519	.	5945			8 58 12	+28 18	198 5	+40 4
3602		−38 5154	77580	12500	.				8 58 17	−39 0	262 11	+ 4 42
3603		+49 1801	77601	12540	.	5950			8 58 30	+48 56	170 45	+41 49
3604		−60 1283	77615	12494	.				8 58 28	−60 34	278 21	− 9 39
3605		−51 3430	77653	12501	.	5939	I		8 58 38	−51 48	271 45	− 3 49
3606		+32 1837	77660	12537	.	5949			8 58 48	+32 47	192 20	+41 7
3607		−25 6829	77665	12516	.				8 58 46	−25 7	251 38	+13 54
3608		+59 1217	77692	12551	.	5956			8 58 58	+59 45	156 35	+40 9
3609	11 σ^1 UMA	+67 573	77800	12576	2167.	5966			8 59 37	+67 16	147 17	+38 1
3610		−68 879	77887	12510	.				9 0 0	−68 17	284 27	−14 33
3611		−53 2072	77907	12528	.	5946			9 0 5	−53 9	272 54	− 4 33
3612		+39 2200	77912	12565	2169.	5960			9 0 10	+38 51	184 20	+42 8
3613	18 ω HYA	+ 5 2116	77996	12564	2170.	5959			9 0 43	+ 5 30	224 40	+32 6
3614		−46 4883	78004	12545	2171.	5953			9 0 42	−46 42	268 12	+ 0 8
3615	α VOL	−65 1065	78045	12532	2172.	5947			9 0 52	−66 0	282 43	−13 0
3616	13 σ^2 UMA	+67 577	78154	12619	2174.	5987	7203	VAR?	9 1 36	+67 32	146 53	+38 6
3617		+23 2048	78175	12583	2175.	5971	7187A		9 1 41	+23 23	204 32	+39 30
3618		+ 2 2145	78196	12581	.	5968			9 1 50	+ 1 52	228 30	+30 30
3619	15 UMA	+52 1365	78209	12604	.	5980			9 1 49	+52 0	166 35	+42 1
3620		+33 1810	78234	12594	.	5974			9 1 58	+32 57	192 16	+41 48
3621	72 τ CNC	+30 1817	78235	12593	.	5973			9 2 0	+30 3	196 5	+41 16
3622		−57 1859	78293	12567	.		I		9 2 8	−57 27	276 18	− 7 13
3623	76 κ CNC	+11 1984	78316	12596	.	5976		VAR?	9 2 20	+11 4	218 59	+35 3
3624	14 τ UMA	+64 723	78362	12646	.	5999	7211		9 2 41	+63 55	151 13	+39 25
3625		+34 1949	78366	12613	.	5983			9 2 43	+34 18	190 30	+42 9
3626	75 CNC	+27 1715	78418	12615	2178.	5985			9 2 54	+27 3	200 1	+40 47
3627	77 ξ CNC	+22 2061	78515	12635	.	5993			9 3 37	+22 27	205 51	+39 39
3628	κ PYX	−25 6895	78541	12614	2183.	5984	7202	VAR?	9 3 39	−25 27	252 38	+14 31
3629		−55 1957	78548	12598	.				9 3 42	−55 24	274 56	− 5 41
3630	19 HYA	− 8 2588	78556	12626	.	5991	R2744		9 3 49	− 8 11	238 17	+25 20
3631		−50 3849	78599	12611	.				9 4 1	−50 49	271 36	− 2 32
3632		−63 1093	78632	12601	.				9 4 12	−64 6	281 29	−11 29
3633		+72 444	78633	12687	.	6012			9 4 20	+72 4	141 30	+36 35
3634	λ VEL	−42 4990	78647	12623	2187.	5989	I	VAR?	9 4 19	−43 2	265 56	+ 2 49
3635		+12 1979	78661	12648	.	6003			9 4 20	+11 58	218 15	+35 53
3636		−11 2565	78668	12645	.	5998			9 4 24	−11 57	241 42	+23 12
3637		−26 6766	78676	12636	.				9 4 22	−26 22	253 27	+14 2
3638		−17 2765	78702	12643	.				9 4 27	−17 55	246 44	+19 31
3639	RS CNC	+31 1946	78712	12657	.	6007		RS CNC	9 4 36	+31 23	194 28	+42 4
3640	79 CNC	+22 2063	78715	12655	.	6005			9 4 36	+22 24	206 0	+39 51
3641	20 HYA	− 8 2593	78732	12649	.	6004			9 4 42	− 8 23	238 36	+25 24
3642		−70 861	78764	12602	.	5978		VAR?	9 4 50	−70 8	286 11	−15 25
3643		−72 779	78791	12595	2188.	5975			9 4 53	−72 12	287 49	−16 46
3644	ϵ PYX	−29 7194	78922	12659	.	6009	I		9 5 42	−29 57	256 24	+11 53
3645		+73 452	78935	12726	2190.	6029			9 5 50	+73 22	139 59	+36 8
3646		−22 2512	78955	12665	.				9 5 55	−22 46	250 52	+16 40
3647		−48 4471	79025	12663	.				9 6 23	−49 1	270 32	− 1 1
3648	16 UMA	+62 1058	79028	12713	2192.	6024			9 6 26	+61 50	153 38	+40 27
3649		+ 6 2120	79066	12690	.	6014			9 6 40	+ 5 53	225 8	+33 35
3650	81 CNC	+15 2003	79096	12693	2193.	6016	F		9 6 49	+15 24	214 39	+37 52

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
3601	9 4 10	+ 5 58	+27 54	−24	6.31 R	+0.00	A0V	+0.003	−0.006	.	− 24	.	.		
3602	9 2 7	+ 3 50	−39 24	−24	6.26	+1.00	K0	−0.043	+0.020	.		.	.		
3603	9 5 24	+ 6 54	+48 32	−24	5.45 R	.	gF1	−0.011	−0.024	.	− 6V	.	.		6
3604	9 0 46	+ 2 18	−60 58	−24	5.77	+1.22	K0	−0.007	−0.005	.		.	.		
3605	9 1 44	+ 3 6	−52 12	−24	5.22	−0.13	B9si	−0.015	+0.014	.008D	+ 32	1.5	1.4		2
3606	9 4 55	+ 6 7	+32 23	−24	6.38 R	.	A5	−0.040	−0.064	.	+ 16	.	.		
3607	9 3 9	+ 4 23	−25 31	−24	6.73	−0.04	B8	−0.016	−0.010	.		.	.		
3608	9 6 44	+ 7 46	+59 21	−24	6.14 R	.	A0	−0.019	−0.025	.	+ 4	.	.		6
3609	9 8 23	+ 8 46	+66 52	−24	5.17 R	.	K5III	−0.017	−0.042	+.007	+ 15	.	.		6
3610	9 1 9	+ 1 9	−68 41	−24	5.87	+1.63	gK6	+0.013	−0.001	.		.	.		
3611	9 3 6	+ 3 1	−53 33	−24	6.40	−0.12	B9	−0.030	+0.025	.	− 7	.	.		
3612	9 6 32	+ 6 22	+38 27	−24	4.60 R	.	G8I-IIb	−0.028	−0.023	+.019	+ 17	.	.		
3613	9 5 59	+ 5 16	+ 5 6	−24	5.07 R	.	K2II-III	−0.016	−0.010	−.009	+ 25	.	.		
3614	9 4 9	+ 3 27	−47 6	−24	3.74	+1.19	K2III	−0.056	−0.016	+.014	+ 24	.	.		
3615	9 2 27	+ 1 35	−66 24	−24	4.00	+0.14	A5V	−0.002	−0.104	+.044	+ 5V	.	.		*
3616	9 10 24	+ 8 48	+67 8	−24	4.78	+0.48	F7IV-V	+0.023	−0.079	+.052	− 2	3.2	4.6	3	D
3617	9 7 27	+ 5 46	+22 59	−24	6.77 H	.	dF4	−0.165	+0.003	+.001	+ 29	.4	7.7	3	D
3618	9 7 0	+ 5 10	+ 1 28	−24	6.24 R	.	M1	−0.007	−0.028	.	+ 3	.	.		
3619	9 8 52	+ 7 3	+51 36	−24	4.46	+0.28	A m	−0.134	−0.042	.	− 0	.	.		
3620	9 8 4	+ 6 6	+32 33	−24	6.27 R	.	F2	−0.082	−0.024	.	+ 41	.	.		
3621	9 8 0	+ 6 0	+29 39	−24	5.26 R	.	G8III	−0.029	−0.005	.	− 13	.	.		
3622	9 4 48	+ 2 40	−57 51	−24	6.43	+0.26	A3	−0.028	+0.019	.		3.5	3.5		D
3623	9 7 45	+ 5 25	+10 40	−24	5.24	−0.11	A p	−0.024	−0.013	.	+ 24V	.	.		R
3624	9 10 55	+ 8 14	+63 31	−24	4.65	+0.36	A m	+0.100	−0.066	.	− 9V	5.6	57.5		*
3625	9 8 51	+ 6 8	+33 54	−24	5.87 R	.	dG0	−0.184	−0.126	.	+ 27	.	.		
3626	9 8 47	+ 5 53	+26 38	−25	5.79 R	.	dG3	−0.124	−0.374	+.042	+ 13V	.	.		R
3627	9 9 22	+ 5 45	+22 3	−24	5.09 R	.	K0III	+0.004	+0.000	.	− 7V	.	.		6
3628	9 8 2	+ 4 23	−25 51	−24	4.61	+1.58	gM0	+0.039	+0.004	+.008	− 45	5.3	2.1		
3629	9 6 34	+ 2 52	−55 48	−24	6.10	−0.16	B5Vn	−0.015	−0.028	.	+ 29	.	.		
3630	9 8 43	+ 4 54	− 8 35	−24	5.58	−0.06	B8	−0.024	−0.012	.	+ 23V	4.5	1.3		2
3631	9 7 15	+ 3 14	−51 13	−24	6.47 H	.	K5	+0.006	−0.007	.		.	.		
3632	9 6 8	+ 1 56	−64 30	−24	6.36	+1.35	K0	+0.021	+0.023	.		.	.		
3633	9 14 4	+ 9 44	+71 39	−25	6.33 R	.	G8III-IV	+0.010	−0.052	.	+ 6	.	.		
3634	9 8 0	+ 3 41	−43 26	−24	2.30?	+1.70	K5Ib	−0.025	+0.007	+.015	+ 18	11.8	17.1		
3635	9 9 46	+ 5 26	+11 34	−24	6.42 R	.	F0	−0.046	−0.067	.	− 16	.	.		
3636	9 9 12	+ 4 48	−12 21	−24	5.81 H	.	G6III	+0.019	−0.011	.	− 9V	.	.		
3637	9 8 43	+ 4 21	−26 46	−24	6.14	+0.17	A m?	−0.036	+0.012	.		.	.		
3638	9 9 4	+ 4 37	−18 19	−24	5.72	+0.00	A0	−0.053	+0.006	.		.	.		
3639	9 10 38	+ 6 2	+30 59	−24	5.3 H	.	M6Se	−0.019	−0.040	.	+ 14V?	.	.		G
3640	9 10 21	+ 5 45	+22 0	−24	5.94 R	.	gG5	+0.007	+0.000	.	− 7	.	.		
3641	9 9 35	+ 4 53	− 8 47	−24	5.45	+1.00	gG6	−0.021	−0.014	.	+ 26	.	.		
3642	9 5 39	+ 0 49	−70 32	−24	4.70	−0.16	B2Ve	−0.006	−0.010	.	+ 35V?	.	.		
3643	9 5 9	+ 0 16	−72 36	−24	4.47	+0.61	F6II-III	+0.009	−0.011	+.016	+ 22	.	.		
3644	9 9 56	+ 4 14	−30 21	−24	5.58	+0.19	A m	+0.006	−0.050	.	− 10V	3.8	18.0	3	*
3645	9 15 52	+ 10 2	+72 57	−25	5.96	+0.18	A2	−0.083	−0.068	+.021	+ 2	.	.		
3646	9 10 24	+ 4 29	−23 10	−24	6.49 H	.	A0	−0.023	−0.007	.		.	.		
3647	9 9 45	+ 3 22	−49 26	−25	6.47	+0.17	A3	+0.007	−0.044	.		.	.		
3648	9 14 20	+ 7 54	+61 25	−25	5.17 R	.	dF9	+0.002	−0.035	+.043	− 14V	.	.		R
3649	9 11 56	+ 5 16	+ 5 28	−25	6.34	+0.33	F0	−0.103	−0.028	.	+ 3	.	.		
3650	9 12 17	+ 5 28	+15 0	−24	6.50	+0.76	dG7	−0.521	+0.240	+.062	+ 45	.0	.1		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
3651		+ 4 2139	79108	12695	.	6017			9 6 59	+ 4 17	226 51	+32 51
3652	36 LYN	+43 1893	79158	12716	.	6025			9 7 16	+43 38	177 51	+43 36
3653		−19 2644	79181	12697	.	6019			9 7 24	−19 20	248 21	+19 9
3654		−44 5206	79186	12688	.	6013		VAR?	9 7 27	−44 28	267 22	+ 2 15
3655	21 HYA	− 6 2845	79193	12704	.				9 7 30	− 6 42	237 33	+26 57
3656		−38 5358	79241	12698	.				9 7 47	−38 51	263 20	+ 6 9
3657		+21 1991	79248	12722	.	6028			9 7 55	+21 42	207 12	+40 21
3658		−46 4987	79275	12699	.	6020			9 8 1	−46 10	268 40	+ 1 9
3659	a CAR	−58 1419	79351	12696	.	6018		VAR?	9 8 20	−58 33	277 41	− 7 22
3660	17 UMA	+57 1211	79354	12748	.	6037			9 8 25	+57 9	159 32	+41 58
3661		−43 5041	79416	12719	.	6027	I		9 8 49	−43 12	266 37	+ 3 18
3662	18 UMA	+54 1285	79439	12761	.	6041			9 9 0	+54 26	163 5	+42 39
3663		−61 1201	79447	12707	.	6021			9 9 0	−61 54	280 13	− 9 36
3664		+35 1966	79452	12749	.	6038			9 9 6	+35 3	189 43	+43 33
3665	22 θ HYA	+ 2 2167	79469	12743	2200.	6036	7253	VAR?	9 9 10	+ 2 44	228 45	+32 31
3666		+74 393	79517	12814	.	6059			9 9 37	+74 26	138 40	+35 53
3667		−38 5376	79523	12735	.			VAR?	9 9 30	−38 12	263 5	+ 6 51
3668		−41 4904	79524	12734	.				9 9 32	−41 52	265 45	+ 4 19
3669	82 π CNC	+15 2009	79554	12758	.	6039			9 9 43	+15 21	215 4	+38 29
3670		−46 5010	79621	12746	.				9 10 4	−46 56	269 28	+ 0 52
3671					.							
3672		−43 5068	79694	12754	.			VAR?	9 10 27	−43 44	267 13	+ 3 9
3673		−58 1432	79698	12740	.	6035			9 10 19	−59 0	278 12	− 7 29
3674		−42 5086	79735	12759	2203.2	6040	I		9 10 41	−42 49	266 35	+ 3 49
3675		−14 2793	79752	12774	.	6044			9 10 41	−14 36	244 59	+22 46
3676		+47 1658	79763	12799	.	6050			9 10 49	+47 14	172 49	+44 1
3677		−37 5578	79807	12773	.				9 10 58	−37 11	262 33	+ 7 46
3678	ζ OCT	−85 183	79837	12580	.	5967			9 11 14	−85 16	298 51	−24 49
3679		−55 2035	79846	12767	2205.	6043			9 11 20	−55 9	275 30	− 4 43
3680		−45 4982	79900	12782	.		I		9 11 37	−45 8	268 22	+ 2 19
3681	23 HYA	− 5 2762	79910	12800	2208.	6051	K		9 11 44	− 5 56	237 32	+28 15
3682		−38 5408	79917	12784	2209.	6046			9 11 40	−38 9	263 21	+ 7 11
3683	24 HYA	− 8 2623	79931	12802	.	6052			9 11 47	− 8 20	239 43	+26 50
3684		−36 5505	79940	12787	2210.	6048	I		9 11 45	−37 0	262 31	+ 8 0
3685	β CAR	−69 1023	80007	12764	2213.	6042			9 12 6	−69 18	285 59	−14 24
3686		+35 1971	80024	12827	.	6064	7286		9 12 16	+35 47	188 48	+44 16
3687		−13 2808	80050	12811	.	6057			9 12 23	−14 9	244 53	+23 22
3688		−44 5305	80057	12801	.		R2808		9 12 24	−44 29	268 0	+ 2 52
3689		+12 2009	80064	12824	.	6063	7285		9 12 26	+11 55	219 23	+37 39
3690	38 LYN	+37 1965	80081	12830	2214.	6066	7292		9 12 37	+37 14	186 47	+44 28
3691		−57 1949	80094	12792	.	6049			9 12 33	−57 58	277 39	− 6 34
3692		−43 5103	80108	12808	2215.	6055			9 12 41	−43 51	267 35	+ 3 21
3693		−57 1951	80126	12798	.				9 12 46	−57 10	277 5	− 5 59
3694		−38 5430	80170	12821	2216.	6061			9 13 2	−38 59	264 8	+ 6 48
3695		−76 574	80194	12766	.				9 13 13	−76 15	291 26	−18 59
3696		−57 1961	80230	12813	2219.	6058		VAR?	9 13 23	−57 7	277 7	− 5 53
3697		+51 1495	80290	12865	2220.	6075	7303		9 13 47	+51 41	166 36	+43 53
3698		+57 1214	80390	12883	.	6085		VAR?	9 14 23	+57 8	159 16	+42 45
3699	ι CAR	−58 1465	80404	12831	2222.1	6067		VAR?	9 14 25	−58 51	278 27	− 7 0
3700		−53 2281	80435	12839	.				9 14 37	−54 4	275 4	− 3 37

BS= HR	RA (2000)	$\Delta\alpha$ 100 YR	DEC (2000)	$\Delta\delta$ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
3651	9 12 12	+ 5 13	+ 3 52	−25	6.04 R	.	A0	−0.045	−0.004	.	+ 20	.	.		
3652	9 13 48	+ 6 32	+43 13	−25	5.19 R	−0.14	A1	−0.023	−0.040	.	+ 21	.	.		
3653	9 11 59	+ 4 35	−19 45	−25	5.70	+0.98	G9III	−0.051	+0.034	.	− 1	.	.		
3654	9 11 5	+ 3 38	−44 53	−25	5.00	+0.22	B3Ia	−0.010	−0.002	.	+ 35	.	.		
3655	9 12 26	+ 4 56	− 7 7	−25	6.02 H	.	A2	−0.018	+0.016	.		.	.		
3656	9 11 41	+ 3 54	−39 16	−25	5.99	−0.12	B8	−0.016	+0.003	.		.	.		
3657	9 13 38	+ 5 43	+21 17	−25	6.07 R	+0.02	A2V	−0.014	−0.014	.	+ 9	.	.		
3658	9 11 33	+ 3 32	−46 35	−25	5.78	−0.22	B2IV	−0.027	+0.005	.	+ 7	.	.		
3659	9 10 58	+ 2 38	−58 58	−25	3.43	−0.19	B2IV	−0.028	+0.002	.	+ 23V	.	.		*
3660	9 15 49	+ 7 24	+56 44	−25	5.31 R	.	K5III	−0.016	−0.037	.	− 30	.	.		
3661	9 12 31	+ 3 42	−43 37	−25	5.56	−0.12	B8V	−0.019	−0.002	.005D	+ 4V?	.8	3.1	3	D
3662	9 16 12	+ 7 12	+54 1	−25	4.82	+0.20	A5V	+0.056	+0.055	.	− 15V?	.	.		G
3663	9 11 16	+ 2 16	−62 19	−25	3.96	−0.19	B3IV	−0.043	+0.003	.	+ 17	.	.		
3664	9 15 14	+ 6 8	+34 38	−25	5.97	+0.86	G6III	−0.147	+0.046	.	+ 56	.	.		
3665	9 14 22	+ 5 12	+ 2 19	−25	3.88	−0.06	B9.5Vp	+0.130	−0.315	+.019	− 8V	6.0	62.1	3	*
3666	9 19 56	+ 10 19	+74 1	−25	6.46 R	.	G8III	−0.035	−0.072	.	+ 56	.	.		
3667	9 13 26	+ 3 56	−38 37	−25	6.30	+0.00	A0	+0.002	−0.015	.		.	.		
3668	9 13 18	+ 3 46	−42 17	−25	6.27	+1.25	K0	−0.023	+0.051	.		.	.		
3669	9 15 14	+ 5 31	+14 56	−25	5.43 R	.	gK1	−0.039	−0.015	.	+ 26	.	.		
3670	9 13 35	+ 3 31	−47 21	−25	5.91	−0.05	B9	−0.024	−0.002	.		.	.		
3671															
3672	9 14 8	+ 3 41	−44 9	−25	5.84	−0.14	B5	−0.046	−0.002	.	+ 22V	.	.		
3673	9 12 56	+ 2 37	−59 25	−25	5.53	+0.85	G5	−0.002	−0.006	.	+ 16	.	.		
3674	9 14 25	+ 3 44	−43 14	−25	5.24	−0.15	B5Vn	−0.027	+0.007	+.004	+ 32	4.4	5.8		7
3675	9 15 25	+ 4 44	−15 1	−25	6.34	+0.01	A0	−0.028	−0.018	.	+ 32	.	.		
3676	9 17 31	+ 6 42	+46 49	−25	5.68 R	.	A1	+0.021	+0.008	.	− 12V	.	.		*
3677	9 14 57	+ 3 59	−37 36	−25	5.84	+0.84	G0	+0.005	−0.016	.		.	.		
3678	8 56 40	− 14 34	−85 40	−24	5.42	+0.32	F0III	−0.120	+0.031	.	− 3	.	.		
3679	9 14 18	+ 2 58	−55 34	−25	5.27	+0.99	K0	−0.036	+0.016	+.008	+ 9	.	.		
3680	9 15 14	+ 3 37	−45 33	−25	6.24	−0.08	A0	−0.011	−0.015	.006D		1.1	1.2		D
3681	9 16 42	+ 4 58	− 6 21	−25	5.24	+1.17	K2III	+0.019	+0.003	+.020	− 8V	5.6	2.		*
3682	9 15 37	+ 3 57	−38 34	−25	4.93	+1.10	gK0	−0.071	−0.011	+.019	+ 2	.	.		
3683	9 16 41	+ 4 54	− 8 45	−25	5.47	−0.12	B9	−0.022	+0.000	.	+ 10	.	.		
3684	9 15 45	+ 4 0	−37 25	−25	4.62	+0.46	F5III	+0.020	−0.013	+.057	+ 12	8.3	11.3		
3685	9 13 12	+ 1 6	−69 43	−25	1.67	+0.00	A1IV	−0.154	+0.098	+.038	− 5	.	.		
3686	9 18 26	+ 6 10	+35 22	−25	5.71 R	.	A4n	−0.039	−0.031	.005D	+ 22	.3	2.0		2
3687	9 17 7	+ 4 44	−14 34	−25	5.84	+1.06	gK0	−0.049	+0.008	.	− 37	.	.		
3688	9 16 4	+ 3 40	−44 54	−25	6.03	+0.29	B5	+0.009	+0.005	.		9.5	7.4		
3689	9 17 51	+ 5 25	+11 30	−25	6.27 R	+0.07	A3V	−0.013	−0.008	.	− 3V?	6.5	23.7		1
3690	9 18 50	+ 6 13	+36 49	−25	3.78 R	+0.06	A3V	−0.030	−0.129	+.033	+ 2V	2.7	3.4	4	D
3691	9 15 17	+ 2 44	−58 23	−25	6.01	−0.11	B7IV	−0.024	−0.012	.	+ 7V	.	.		
3692	9 16 23	+ 3 42	−44 16	−25	5.11	+1.66	cK	−0.005	−0.005	+.011	− 3	.	.		
3693	9 15 35	+ 2 49	−57 35	−25	6.31	+1.04	K0	+0.001	−0.009	.		.	.		
3694	9 16 57	+ 3 55	−39 24	−25	5.31	+1.17	K5III-IV	−0.015	−0.034	+.018	+ 0	.	.		
3695	9 12 13	− 1 0	−76 40	−25	6.13	+1.09	gK1	+0.075	−0.030	.		.	.		
3696	9 16 13	+ 2 50	−57 32	−25	4.34	+1.63	gK5	−0.016	−0.013	+.018	− 5	.	.		
3697	9 20 43	+ 6 56	+51 16	−25	6.05 R	.	dF3	−0.035	+0.143	+.037	− 8	3.9	147.3	3	D
3698	9 21 43	+ 7 20	+56 43	−25	5.77 R	.	gM4	−0.008	−0.013	.	+ 21	.	.		
3699	9 17 6	+ 2 41	−59 16	−25	2.24	+0.18	F0I	−0.019	−0.001	+.011	+ 13	.	.		
3700	9 17 42	+ 3 5	−54 29	−25	6.32	+1.41	K0	−0.024	−0.010	.		.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
3701		+38 2025	80441	12875	.	6078	7307		9 14 44	+38 37	184 53	+44 57
3702		−10 2804	80447	12861	.				9 14 44	−10 53	242 28	+25 52
3703		−50 4001	80456	12844	.	6071			9 14 46	−50 38	272 39	− 1 11
3704		−15 2763	80479	12862	.	6074	7302		9 14 50	−15 25	246 22	+23 1
3705	40 α LYN	+35 1979	80493	12880	2223.	6082		VAR?	9 14 58	+34 49	190 14	+44 43
3706	26 HYA	−11 2609	80499	12867	2224.	6076	B		9 14 57	−11 33	243 5	+25 29
3707		+33 1848	80546	12892	.	6089			9 15 23	+33 20	192 19	+44 38
3708		−51 3693	80558	12859	.				9 15 24	−51 8	273 4	− 1 28
3709	27 HYA	− 8 2643	80586	12881	2228.	6083	7311A		9 15 36	− 9 8	241 5	+27 6
3710		−33 5973	80590	12873	.				9 15 39	−33 41	260 40	+10 53
3711		+15 2027	80613	12894	.	6090			9 15 44	+15 48	215 16	+39 59
3712		−68 918	80671	12848	2229.	6072	I		9 15 53	−68 16	285 27	−13 27
3713		−66 1002	80710	12857	.				9 16 8	−66 38	284 15	−12 18
3714		−14 2828	80719	12897	.	6091			9 16 11	−15 11	246 23	+23 25
3715		−31 7162	80773	12900	.		IA		9 16 30	−31 20	259 4	+12 38
3716		−37 5668	80774	12893	.				9 16 29	−37 9	263 18	+ 8 34
3717		−54 2186	80781	12879	.	6081			9 16 29	−54 46	275 45	− 3 55
3718	θ PYX	−25 7114	80874	12916	2232.	6095			9 17 4	−25 32	254 48	+16 43
3719		+75 377	80930	12988	.	6124			9 17 23	+75 32	137 10	+35 48
3720		−74 579	80951	12869	.	6077	I		9 17 36	−74 28	290 14	−17 35
3721		−74 580	80950	12870	.				9 17 35	−74 19	290 7	−17 29
3722		+64 733	80953	12970	.	6115			9 17 41	+64 23	149 54	+40 47
3723		+25 2088	80956	12940	.	6105			9 17 45	+25 37	203 1	+43 38
3724		− 9 2816	81009	12936	.		7334		9 17 58	− 9 24	241 43	+27 24
3725		+52 1389	81025	12962	.	6112	7348		9 18 0	+52 1	165 59	+44 28
3726		−41 5023	81034	12926	.				9 18 0	−41 46	266 47	+ 5 31
3727		+37 1978	81039	12957	.	6111			9 18 12	+37 1	187 12	+45 33
3728		−61 1242	81101	12923	2234.	6098			9 18 33	−61 59	281 4	− 8 51
3729		−39 5446	81134	12942	.				9 18 41	−39 21	265 10	+ 7 19
3730		−45 5099	81136	12939	.				9 18 45	−45 37	269 35	+ 2 52
3731	1 κ LEO	+26 1939	81146	12972	2235.	6116	7351		9 18 50	+26 37	201 45	+44 7
3732		−54 2213	81157	12933	.	6102			9 18 47	−55 5	276 12	− 3 55
3733	λ PYX	−28 7196	81169	12952	2236.	6108			9 18 52	−28 24	257 15	+15 2
3734	κ VEL	−54 2219	81188	12938	2237.	6104			9 19 1	−54 35	275 53	− 3 32
3735		−37 5721	81309	12971	.				9 19 44	−37 20	263 53	+ 8 54
3736		+17 2078	81361	12990	2241.	6127			9 20 0	+17 1	214 19	+41 24
3737		−38 5541	81411	12983	.		F		9 20 18	−39 0	265 9	+ 7 47
3738	28 HYA	− 4 2616	81420	12992	.	6128			9 20 24	− 4 41	237 50	+30 44
3739		−51 3767	81471	12984	.				9 20 39	−51 18	273 46	− 1 0
3740		−59 1374	81502	12981	.				9 20 48	−59 52	279 45	− 7 9
3741		− 0 2195	81567	13010	.	6129			9 21 17	− 1 1	234 28	+33 2
3742		−61 1265	81613	12991	.				9 21 34	−61 13	280 47	− 8 3
3743		+46 1509	81688	13051	.	6138			9 22 7	+46 2	174 14	+46 4
3744	29 HYA	− 8 2678	81728	13039	.		7382		9 22 21	− 8 47	241 56	+28 38
3745		−28 7271	81753	13033	.		7379	VAR?	9 22 23	−28 21	257 46	+15 38
3746		−39 5507	81780	13032	.				9 22 32	−40 4	266 13	+ 7 20
3747		+56 1388	81790	13073	.	6144			9 22 40	+56 11	160 6	+44 7
3748	30 α HYA	− 8 2680	81797	13044	2247.	6136		VAR?	9 22 40	− 8 14	241 29	+29 2
3749		−21 2802	81799	13043	2248.	6135			9 22 44	−21 54	252 55	+20 8
3750		− 5 2802	81809	13048	2250.	6137	B		9 22 50	− 5 38	239 8	+30 39

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
3701	9 21 0	+ 6 16	+38 12	−25	5.80 R	.	dF3+dF2	−0.042	−0.019	.019D	+ 1	.2	1.8	3	D
3702	9 19 34	+ 4 50	−11 18	−25	6.61	+0.08	A2	−0.087	+0.032	.		.	.		
3703	9 18 6	+ 3 20	−51 3	25	5.25	−0.08	B9	−0.030	+0.004	.	+ 66V	.	.		6
3704	9 19 33	+ 4 43	−15 50	−25	5.77	+1.29	gK4	+0.051	−0.050	.	− 30	5.0	4.1		*
3705	9 21 3	+ 6 5	+34 24	−25	3.14 R	.	M0III	−0.217	+0.013	+.021	+ 38	.	.		
3706	9 19 46	+ 4 49	−11 58	−25	4.76	+0.94	G8III	−0.026	+0.006	+.016	− 2	7.0	3.2		
3707	9 21 27	+ 6 4	+32 54	−26	6.09 R	.	gK3	+0.014	−0.041	.	+ 28	.	.		
3708	9 18 42	+ 3 18	−51 33	−25	5.88	+0.53	B7Iab	−0.022	−0.003	.		.	.		
3709	9 20 29	+ 4 53	− 9 33	−25	4.81	+0.93	G8III-IV	−0.016	−0.033	+.005	+ 25	2.0	229.7	3	D
3710	9 19 48	+ 4 9	−34 6	−25	6.38	−0.10	B8	−0.010	−0.012	.		.	.		
3711	9 21 15	+ 5 31	+15 23	−25	6.43 R	−0.02	A0V	−0.035	−0.022	.	+ 18	.	.		
3712	9 17 17	+ 1 24	−68 41	−25	5.38	+0.41	dF5	−0.108	−0.027	+.051	+ 32	6.9	18.2	3	D
3713	9 17 51	+ 1 43	−67 3	−25	6.10	+1.26	K0	−0.003	+0.008	.		.	.		
3714	9 20 55	+ 4 44	−15 37	−26	6.32	+0.46	dF6	+0.065	−0.105	.	− 1	.	.		6
3715	9 20 44	+ 4 14	−31 45	−25	7.24 H	.	A0	−0.038	−0.013	.		.8	3.7		3
3716	9 20 30	+ 4 1	−37 34	−25	6.10 H	.	K0	−0.023	−0.021	.		.	.		
3717	9 19 32	+ 3 3	−55 11	−25	6.27	−0.11	B7IV	−0.009	−0.006	.	+ 17	.	.		
3718	9 21 30	+ 4 26	−25 58	−26	4.72	+1.66	M1III	−0.015	−0.011	+.005	+ 20	.	.		
3719	9 27 53	+ 10 30	+75 6	−26	6.21 R	.	A2	−0.025	+0.027	.	+ 1	.	.		
3720	9 17 25	− 0 11	−74 53	−25	5.28	+0.02	A0	−0.014	+0.025	.	+ 11	.9	.5	3	D
3721	9 17 27	− 0 8	−74 44	−25	5.86	−0.02	A0	−0.040	+0.028	.		.	.		
3722	9 25 44	+ 8 3	+63 57	−26	6.31 R	.	K2	−0.008	−0.045	.	+ 7	.	.		
3723	9 23 32	+ 5 47	+25 11	−26	6.37 R	.	gG2	−0.119	+0.000	.	− 1	.	.		
3724	9 22 51	+ 4 53	− 9 50	−26	6.52	+0.22	A2	−0.030	−0.025	.		.0	.2		D
3725	9 24 56	+ 6 56	+51 35	−26	6.29 R	.	G0	+0.043	−0.012	.	− 16	1.7	1.8		*
3726	9 21 50	+ 3 50	−42 12	−26	5.57	+1.64	M1	+0.047	−0.062	.		.	.		
3727	9 24 22	+ 6 10	+36 35	−26	6.42 R	.	A5	−0.082	−0.034	.	+ 15	.	.		
3728	9 20 57	+ 2 24	−62 25	−26	4.80	+0.94	gG7	+0.005	−0.011	+.016	+ 51	.	.		
3729	9 22 37	+ 3 56	−39 47	−26	6.52	+1.13	K0	−0.069	+0.071	.		.	.		
3730	9 22 24	+ 3 39	−46 3	−26	5.73	+0.91	G5	−0.005	+0.010	.		.	.		
3731	9 24 39	+ 5 49	+26 11	−26	6.47 R	.	K2III	−0.028	−0.050	−.005	+ 28	5.8	3.0	3	D
3732	9 21 50	+ 3 3	−55 31	−26	5.63	+0.19	A3m	−0.068	+0.054	.	+ 59	.	.		
3733	9 23 12	+ 4 20	−28 50	−26	4.72	+0.92	gG7	−0.140	+0.016	+.031	+ 10	.	.		
3734	9 22 7	+ 3 6	−55 1	−26	2.49	−0.20	B2IV	−0.012	+0.001	+.007	+ 22V	.	.		R
3735	9 23 45	+ 4 1	−37 46	−26	6.47	+0.18	A2	−0.089	+0.014	.		.	.		
3736	9 25 32	+ 5 32	+16 35	−26	6.14 R	.	gG9	−0.086	−0.022	+.012	+ 12	.	.		
3737	9 24 16	+ 3 58	−39 26	−26	6.05	+0.20	A4m?	+0.006	−0.039	.		.0	.1		
3738	9 25 24	+ 5 0	− 5 7	−26	5.60	+1.54	K5III	−0.015	−0.011	.	+ 5	.	.		
3739	9 24 0	+ 3 21	−51 44	−26	6.08	+0.56	A7Iab	+0.006	−0.006	.		.	.		
3740	9 23 28	+ 2 40	−60 18	−26	6.29	+1.48	gK1	−0.006	−0.009	.		.	.		
3741	9 26 22	+ 5 5	− 1 27	−26	6.00	+1.32	gK3	−0.003	−0.006	.	− 15	.	.		
3742	9 24 6	+ 2 32	−61 39	−26	5.98	+1.06	g?G8	+0.015	−0.056	.		.	.		
3743	9 28 40	+ 6 33	+45 36	−26	5.43 R	.	gG5	−0.009	−0.131	.	+ 39	.	.		
3744	9 27 15	+ 4 54	− 9 13	−26	6.53	+0.05	A0	−0.031	−0.003	.		.0	.2	3	D
3745	9 26 44	+ 4 21	−28 47	−26	6.09	−0.10	B8	−0.030	−0.005	.005D		.8	.7		2
3746	9 26 28	+ 3 56	−40 30	−26	6.19	+0.26	A3	+0.018	−0.001	.		.	.		
3747	9 29 49	+ 7 9	+55 45	−26	6.40 R	.	F2	−0.133	−0.040	.	+ 10	.	.		
3748	9 27 35	+ 4 55	− 8 40	−26	1.99	+1.41	K4III	−0.015	+0.030	+.017	− 4	.	.		N
3749	9 27 19	+ 4 35	−22 20	−26	4.70	+1.15	gK3	+0.181	−0.164	+.020	+ 29	.	.		
3750	9 27 47	+ 4 57	− 6 4	−26	5.38	+0.64	G2V	−0.225	−0.078	+.041	+ 54V	1.0	.4		2

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
3751		+81 302	81817	13174	2251.	6182			9 22 51	+81 46	130 39	+32 39
3752		−61 1271	81830	13021	.		I		9 22 58	−61 31	281 7	− 8 9
3753		−52 2360	81848	13035	.	6134			9 23 3	−52 57	275 11	− 1 57
3754	2 ω LEO	+ 9 2188	81858	13062	2252.	6141	7390		9 23 6	+ 9 30	223 38	+38 53
3755	3 LEO	+ 8 2226	81873	13063	.	6142	7391		9 23 10	+ 8 37	224 39	+38 29
3756		−34 5895	81919	13055	.				9 23 29	−34 34	262 28	+11 24
3757	23 UMA	+63 845	81937	13109	2253.	6154	7402	VAR?	9 23 39	+63 30	150 39	+41 44
3758		− 0 2201	81980	13078	.		7396		9 23 57	− 0 49	234 43	+33 42
3759	31 τ^1 HYA	− 2 2901	81997	13080	2255.	6145			9 24 4	− 2 20	236 13	+32 51
3760		− 1 2268	82043	13087	.				9 24 20	− 1 46	235 43	+33 14
3761		−64 1037	82068	13056	.				9 24 34	−64 30	283 20	−10 10
3762		− 3 2693	82074	13090	.				9 24 31	− 3 48	237 42	+32 5
3763		−20 2915	82077	13088	.	6147			9 24 36	−20 19	252 0	+21 32
3764	7 LMI	+34 1999	82087	13112	.	6156			9 24 41	+34 6	191 33	+46 38
3765	ϵ ANT	−35 5724	82150	13091	2260.	6150			9 25 7	−35 31	263 23	+10 57
3766		−37 5817	82165	13094	.				9 25 15	−37 57	265 7	+ 9 13
3767		−22 2623	82180	13106	.				9 25 18	−22 54	254 8	+19 53
3768	22 UMA	+72 462	82189	13178	.	6183			9 25 28	+72 39	139 56	+37 44
3769	8 LMI	+35 2015	82198	13133	.	6161			9 25 27	+35 33	189 27	+46 55
3770		−26 7117	82205	13110	.	6155	7405		9 25 28	−26 9	256 38	+17 40
3771	24 UMA	+70 565	82210	13171	2261.	6179			9 25 39	+70 16	142 33	+38 56
3772		−14 2867	82232	13122	.	6157			9 25 38	−15 9	247 59	+25 11
3773	4 λ LEO	+23 2107	82308	13143	2264.	6164		VAR?	9 26 1	+23 25	206 40	+44 51
3774		+74 402	82327	13204	.				9 26 7	+74 46	137 38	+36 40
3775	25 θ UMA	+52 1401	82328	13157	2266.	6175	7420		9 26 10	+52 8	165 26	+45 40
3776		−61 1277	82347	13101	.				9 26 16	−61 50	281 37	− 8 7
3777		−71 833	82350	13082	2265.	6146			9 26 7	−71 10	288 13	−14 51
3778		+50 1657	82380	13162	.	6177			9 26 25	+49 53	168 35	+46 11
3779	6 LEO	+10 2014	82381	13150	.	6171	7416		9 26 36	+10 9	223 25	+39 57
3780	ζ^1 ANT	−31 7355	82383	13135	.		IB		9 26 29	−31 27	260 41	+14 4
3781	ζ^1 ANT	−31 7355	82384	13137	.		IA		9 26 29	−31 27	260 41	+14 4
3782	5 ξ LEO	+11 2053	82395	13149	2267.1	6170		VAR?	9 26 33	+11 45	221 33	+40 41
3783		−66 1018	82406	13103	.				9 26 34	−66 15	284 44	−11 17
3784		−50 4204	82419	13129	.	6160			9 26 40	−51 5	274 19	+ 0 12
3785		− 9 2856	82428	13148	.	6169			9 26 46	−10 6	243 52	+28 39
3786	ψ VEL	−39 5580	82434	13140	2268.	6162	I	VAR?	9 26 46	−40 2	266 47	+ 7 55
3787	32 τ^2 HYA	− 0 2211	82446	13153	.	6173			9 26 53	− 0 45	235 9	+34 20
3788		− 9 2858	82477	13155	.				9 27 4	− 9 55	243 46	+28 50
3789	ζ^2 ANT	−31 7369	82513	13152	.				9 27 16	−31 26	260 48	+14 12
3790		−35 5751	82514	13154	2273.				9 27 23	−35 16	263 33	+11 27
3791	9 LMI	+37 1998	82522	13183	.	6186			9 27 22	+36 56	187 28	+47 23
3792		+29 1913	82523	13182	.	6185	7426		9 27 27	+28 49	199 17	+46 27
3793		−57 2090	82536	13145	.		R2903		9 27 28	−57 55	279 2	− 5 9
3794		+ 2 2217	82543	13172	.	6180	F		9 27 31	+ 2 18	232 10	+36 10
3795	ι CHA	−80 350	82554	13066	.	6143			9 27 29	−80 21	295 10	−21 13
3796		−18 2708	82573	13169	.				9 27 42	−18 58	251 28	+22 59
3797		+47 1683	82582	13194	.	6190			9 27 46	+47 21	172 9	+46 51
3798	S ANT	−28 7373	82610	13173	.	6181		S ANT	9 27 56	−28 11	258 33	+16 37
3799	26 UMA	+52 1402	82621	13212	2275.	6193			9 27 59	+52 30	164 50	+45 51
3800	10 LMI	+37 2004	82635	13203	.	6192			9 28 6	+36 50	187 37	+47 31

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
3751	9 37 5	+ 14 14	+81 19	−27	4.44 R	.	K3III	−0.015	−0.022	+.014	− 5	.	.		
3752	9 25 27	+ 2 29	−61 57	−26	5.75	+0.16	A2Vn	−0.130	+0.055	.	+ 12	3.4	8.8		*
3753	9 26 18	+ 3 15	−53 23	−26	5.10	−0.12	B5n	−0.013	−0.005	.	+ 22V	.	.		6
3754	9 28 27	+ 5 21	+ 9 4	−26	5.38 R	.	dF8	+0.053	−0.008	+.028	− 6	.8	1.1		D
3755	9 28 29	+ 5 19	+ 8 11	−26	5.69 R	.	gK0	−0.033	−0.037	.	+ 22	4.7	25.7		3
3756	9 27 38	+ 4 9	−35 0	−26	6.64	+0.20	A3	−0.033	−0.033	.		.	.		
3757	9 31 32	+ 7 53	+63 4	−26	3.65	+0.34	F0IV	+0.110	+0.024	+.034	− 10	5.2	22.9	3	*
3758	9 29 2	+ 5 5	− 1 15	−26	6.29 H	.	A5	−0.075	−0.002	.012D		5.0	1.6		2
3759	9 29 8	+ 5 4	− 2 46	−26	4.61	+0.47	F6V	+0.127	−0.017	+.067	+ 98V?	.	.		D
3760	9 29 24	+ 5 4	− 2 12	−26	6.13	+0.22	A3	−0.048	−0.006	.		.	.		
3761	9 26 44	+ 2 10	−64 56	−26	6.04	+0.15	A3	−0.055	+0.057	.		.	.		
3762	9 29 32	+ 5 1	− 4 14	−26	6.41 H	.	G5	−0.031	−0.083	.		.	.		
3763	9 29 12	+ 4 36	−20 45	−26	5.96 H	.	gM1	−0.017	+0.018	.	− 8	.	.		6
3764	9 30 44	+ 6 3	+33 40	−26	5.80 R	.	gG8	−0.015	−0.051	.	+ 2	.	.		
3765	9 29 15	+ 4 8	−35 57	−26	4.50	+1.44	K4III	−0.027	−0.009	+.000	+ 22	.	.		
3766	9 29 17	+ 4 2	−38 23	−26	6.18	+0.21	A2	−0.091	−0.016	.		.	.		
3767	9 29 50	+ 4 32	−23 20	−26	6.23	+1.57	K0	−0.001	−0.008	.		.	.		
3768	9 34 54	+ 9 26	+72 12	−27	5.72 R	.	dF6	+0.075	−0.080	.	− 38	.	.		
3769	9 31 32	+ 6 5	+35 6	−27	5.37 R	.	gM1	−0.054	−0.110	.	+ 38	.	.		
3770	9 29 54	+ 4 26	−26 35	−26	5.47	+1.36	gK3	−0.024	−0.003	.	+ 12	8.8	4.1		1
3771	9 34 29	+ 8 50	+69 50	−26	4.58	+0.78	G2IV	−0.061	+0.074	+.039	− 27	.	.		
3772	9 30 22	+ 4 44	−15 35	−26	5.84	+1.20	gK3	−0.067	−0.066	.	+ 24	.	.		
3773	9 31 43	+ 5 42	+22 59	−26	4.35 R	.	K5III	−0.023	−0.044	+.020	+ 27V?	.	.		
3774	9 36 6	+ 9 59	+74 19	−27	6.34 R	−0.10	B9	−0.016	−0.074	.		.	.		
3775	9 32 51	+ 6 41	+51 41	−27	3.18	+0.46	F6IV	−0.946	−0.542	+.052	+ 15	10.7	5.1		2
3776	9 28 47	+ 2 31	−62 16	−26	5.91	+1.10	K0	−0.077	+0.025	.		.	.		
3777	9 27 6	+ 0 59	−71 36	−26	5.46	+1.08	g?K2	−0.100	+0.069	+.029	+ 3V	.	.		6
3778	9 33 8	+ 6 43	+49 27	−26	6.49 R	.	A3	−0.023	+0.001	.	− 10V?	.	.		
3779	9 31 58	+ 5 22	+ 9 43	−26	5.12 R	.	K3III	−0.004	−0.017	.	+ 19	3.0	37.4		*
3780	9 30 46	+ 4 17	−31 53	−26	7.21 H	.	A0	−0.017	−0.029	.001D		.8	8.4		D
3781	9 30 46	+ 4 17	−31 53	−26	6.35 H	.	A0	+0.024	−0.030	.001D		.8	8.4		D
3782	9 31 56	+ 5 23	+11 18	−27	5.68 R	.	K0III	−0.094	−0.089	+.028	+ 29	.	.		
3783	9 28 31	+ 1 57	−66 41	−26	5.90	+0.01	A0	−0.031	+0.042	.		.	.		
3784	9 30 5	+ 3 25	−51 31	−26	5.44	−0.10	B5	−0.011	+0.006	.	+ 10	.	.		
3785	9 31 39	+ 4 53	−10 32	−26	6.13	+0.25	A5	+0.012	−0.024	.	− 18	.	.		6
3786	9 30 42	+ 3 56	−40 28	−26	3.58	+0.36	F2IV	−0.192	+0.068	+.059	+ 12V	1.2	.8		D
3787	9 31 59	+ 5 6	− 1 11	−26	4.56	+0.11	A3III	−0.013	−0.014	.	+ 6V	.	.		
3788	9 31 56	+ 4 52	−10 21	−26	6.11	+1.19	K0	−0.089	+0.006	.		.	.		
3789	9 31 33	+ 4 17	−31 52	−26	5.92	+0.26	F0m	−0.043	−0.002	.		.	.		
3790	9 31 33	+ 4 10	−35 43	−27	5.87	+1.29	K0	+0.137	−0.180	−.010		.	.		
3791	9 33 30	+ 6 8	+36 29	−27	6.26 R	.	gK4	+0.032	−0.042	.	− 17	.	.		
3792	9 33 18	+ 5 51	+28 22	−27	6.32 R	+0.12	A3III?	−0.046	−0.041	.	+ 26V	4.0	35.0		1
3793	9 30 23	+ 2 55	−58 21	−26	5.88	+1.70	gM1	−0.032	+0.022	.		7.7	2.6		
3794	9 32 41	+ 5 10	+ 1 51	−27	6.06 R	.	F5	−0.016	−0.039	.	+ 28	.0	.1		
3795	9 24 9	− 3 20	−80 47	−26	5.36	+0.45	gF2	−0.141	+0.122	.	+ 7	.	.		
3796	9 32 21	+ 4 39	−19 25	−27	5.70 H	.	A4m	−0.011	+0.000	.		.	.		
3797	9 34 20	+ 6 34	+46 54	−27	6.39 R	.	A5	−0.063	−0.016	.	+ 11	.	.		
3798	9 32 19	+ 4 23	−28 37	−26	6.4 H	.	F0	−0.074	+0.034	.	− 5V	.	.		R
3799	9 34 50	+ 6 51	+52 3	−27	4.64 R	+0.05	A2V	−0.064	−0.042	+.021	+ 23	.	.		
3800	9 34 13	+ 6 7	+36 23	−27	4.52 R	.	G8III	+0.010	−0.027	.	− 12	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
3801		− 7 2836	82638	13187	.				9 28 7	− 8 4	242 18	+30 12
3802		−12 2926	82660	13185	.				9 28 8	−13 4	246 41	+27 0
3803	N VEL	−56 2270	82668	13160	2276.	6176		N VEL	9 28 11	−56 36	278 13	− 4 7
3804		+24 2104	82670	13199	.	6191			9 28 17	+23 53	206 15	+45 29
3805		− 6 2939	82674	13190	.				9 28 23	− 6 45	241 9	+31 4
3806		+73 470	82685	13252	.	6205	7446		9 28 24	+73 32	138 50	+37 27
3807		−40 5284	82694	13180	2277.	6184	R2913		9 28 21	−40 12	267 7	+ 8 0
3808		−20 2936	82734	13191	2278.	6188			9 28 36	−20 40	252 58	+21 59
3809		+40 2224	82741	13221	.	6195			9 28 50	+40 4	182 49	+47 42
3810		−22 2645	82747	13201	.				9 28 53	−22 25	254 22	+20 49
3811		+40 2226	82780	13227	.	6198	7438A		9 29 7	+40 24	182 19	+47 45
3812		−38 5676	82785	13198	.				9 29 6	−38 41	266 11	+ 9 12
3813		−66 1025	82858	13186	.				9 29 32	−66 17	284 58	−11 6
3814	33 HYA	− 5 2840	82870	13226	.	6197			9 29 33	− 5 28	240 10	+32 5
3815	11 LMI	+36 1979	82885	13242	2280.	6201	7441		9 29 40	+36 16	188 29	+47 49
3816	R CAR	−62 1253	82901	13192	.	6189		R CAR	9 29 44	−62 21	282 16	− 8 13
3817		−48 4802	82984	13219	.	6194	I		9 30 9	−48 34	273 2	+ 2 2
3818	7 LEO	+15 2077	83023	13250	2281.	6204	7448A		9 30 25	+14 50	218 21	+42 51
3819		−50 4270	83058	13234	.	6199			9 30 41	−50 49	274 36	+ 0 25
3820		+31 2011	83069	13265	.	6206			9 30 47	+31 37	195 24	+47 37
3821		−72 835	83095	13205	.				9 30 51	−72 38	289 33	−15 38
3822		−18 2728	83104	13254	.		I		9 30 55	−19 8	252 9	+23 26
3823		−35 5803	83108	13248	.				9 31 3	−35 23	264 11	+11 53
3824		+67 602	83126	13304	.	6217			9 31 11	+67 43	145 9	+40 35
3825		−58 1576	83183	13246	.	6202			9 31 33	−58 47	280 1	− 5 25
3826	8 LEO	+17 2109	83189	13277	.	6209			9 31 32	+16 53	215 54	+43 54
3827	10 LEO	+ 7 2160	83240	13283	2283.	6210		VAR?	9 31 56	+ 7 17	227 31	+39 43
3828		−24 8263	83261	13278	.				9 32 4	−24 15	256 19	+20 3
3829	42 LYN	+40 2232	83287	13301	.	6215			9 32 7	+40 41	181 52	+48 18
3830		−24 8272	83332	13287	.	6212			9 32 30	−24 51	256 50	+19 42
3831		−48 4831	83368	13284	.		I		9 32 48	−48 18	273 11	+ 2 32
3832	34 HYA	− 8 2725	83373	13307	.				9 32 57	− 8 58	243 59	+30 33
3833		−31 7458	83380	13292	.				9 32 52	−31 44	261 54	+14 48
3834		+ 5 2207	83425	13316	2287.	6221			9 33 14	+ 5 6	230 9	+38 53
3835		−35 5833	83441	13306	.				9 33 18	−35 39	264 43	+12 0
3836		−48 4836	83446	13293	2288.	6214	R2963		9 33 15	−48 54	273 38	+ 2 8
3837		−52 2612	83465	13296	.				9 33 25	−52 30	276 2	+ 0 33
3838		+69 531	83489	13358	.	6235			9 33 42	+69 42	142 45	+39 48
3839	27 UMA	+72 466	83506	13364	.	6239			9 33 45	+72 42	139 28	+38 14
3840		−53 2646	83520	13309	.	6220	I		9 33 52	−53 13	276 33	− 1 3
3841		−64 1049	83523	13290	.				9 33 46	−64 30	284 4	− 9 30
3842		−42 5462	83548	13319	2290.	6223			9 34 7	−42 44	269 39	+ 6 51
3843		+78 317	83550	13392	.	6252			9 34 10	+78 36	133 24	+34 54
3844		−39 5697	83610	13334	.		I		9 34 38	−39 10	267 19	+ 9 34
3845	35 ι HYA	− 0 2231	83618	13341	2293.	6229		VAR?	9 34 45	− 0 41	236 28	+35 59
3846	37 HYA	− 9 2898	83650	13343	.				9 34 54	−10 7	245 22	+30 11
3847		+79 319	83727	13419	.	6263			9 35 27	+79 36	132 23	+34 20
3848		−10 2888	83731	13353	.				9 35 27	−10 19	245 38	+30 9
3849	38 κ HYA	−13 2917	83754	13354	.	6233			9 35 31	−13 53	248 43	+27 48
3850		+31 2026	83787	13369	.	6242	B		9 35 40	+31 44	195 25	+48 40

BS= HR	RA (2000)	$\Delta\alpha$ 100 YR	DEC (2000)	$\Delta\delta$ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
3801	9 33 2	+ 4 55	− 8 31	−27	6.30 H	.	K0	−0.024	−0.038	.		.	.		
3802	9 32 56	+ 4 48	−13 31	−27	5.93	+1.50	K5	−0.001	−0.020	.		.	.		
3803	9 31 13	+ 3 2	−57 2	−26	3.12	+1.56	K5III	−0.036	−0.001	+.015	− 14	.	.		
3804	9 33 59	+ 5 42	+23 26	−27	6.27 R	.	gK7	−0.049	−0.093	.	− 6	.	.		
3805	9 33 20	+ 4 57	− 7 12	−27	6.39 H	.	K0	−0.036	−0.015	.		.	.		
3806	9 37 57	+ 9 33	+73 5	−27	7.20 H	.	F0	−0.041	−0.030	.017D	+ 0	.0	5.7		D
3807	9 32 19	+ 3 58	−40 39	−27	5.33	+0.90	K0	+0.009	−0.015	+.017	− 1	4.1	1.1		
3808	9 33 12	+ 4 36	−21 7	−27	5.01	+1.02	K0IV	−0.032	+0.012	+.045	+ 13	.	.		
3809	9 35 4	+ 6 14	+39 37	−27	4.85 R	.	K0III	−0.023	+0.010	.	− 12	.	.		
3810	9 33 26	+ 4 33	−22 52	−27	5.90	+0.02	A0	−0.051	+0.056	.		.	.		
3811	9 35 22	+ 6 15	+39 57	−27	6.56 H	.	F2	−0.015	+0.005	.	− 42	.5	118.6	3	*
3812	9 33 8	+ 4 2	−39 8	−27	6.42	+0.34	F2	−0.033	+0.045	.		.	.		
3813	9 31 32	+ 2 0	−66 44	−27	6.26	+1.35	K0	−0.023	−0.012	.		.	.		
3814	9 34 32	+ 4 59	− 5 55	−27	5.70 H	.	gK1	+0.006	−0.057	.	+ 13	.	.		
3815	9 35 40	+ 6 0	+35 49	−27	5.41	+0.77	G8IV-V	−0.705	−0.251	+.107	+ 13	8.5	5.8		D
3816	9 32 15	+ 2 31	−62 48	−27	4.0 H	.	gM5e	−0.034	+0.013	.	+ 28	8.1	2.1		D
3817	9 33 44	+ 3 35	−49 1	−27	5.10	−0.13	B4Vn	−0.022	+0.005	.015D	+ 27	.6	3.0		2
3818	9 35 53	+ 5 28	+14 23	−27	6.18 R	+0.04	A1V	−0.038	−0.007	+.002	+ 24	2.0	42.4		D
3819	9 34 9	+ 3 28	−51 16	−27	5.00	+0.20	B3	−0.017	−0.020	.	+ 35V	.	.		6
3820	9 36 43	+ 5 56	+31 10	−27	5.56 R	.	gM2	+0.008	−0.042	.	− 20	.	.		
3821	9 31 36	+ 0 45	−73 5	−27	5.46	+1.56	K2	−0.018	−0.007	.		.	.		
3822	9 35 34	+ 4 39	−19 35	−27	6.30	+0.05	A1	−0.040	−0.049	.		3.4	51.8		2
3823	9 35 13	+ 4 10	−35 50	−27	6.48	+0.42	F5	−0.074	−0.007	.		.	.		
3824	9 39 29	+ 8 18	+67 16	−27	6.13 R	.	K5	−0.007	−0.045	.	+ 19	.	.		
3825	9 34 27	+ 2 54	−59 14	−27	4.08	+0.01	B5II	−0.012	+0.007	.	+ 22	.	.		
3826	9 37 3	+ 5 31	+16 26	−27	5.72 R	.	gK1	−0.011	−0.010	.	+ 6	.	.		
3827	9 37 13	+ 5 17	+ 6 50	−27	4.99	+1.05	K1III	−0.060	−0.003	+.012	+ 20V	.	.		6
3828	9 36 34	+ 4 30	−24 42	−27	6.52	+0.39	F2	−0.123	+0.055	.		.	.		
3829	9 38 21	+ 6 14	+40 14	−27	5.18 R	.	A6n	−0.016	−0.001	.	− 3	.	.		
3830	9 37 0	+ 4 30	−25 18	−27	5.69	+1.12	gK1	−0.063	+0.038	.	+ 30	.	.		
3831	9 36 26	+ 3 38	−48 45	−27	6.16	+0.28	A p	−0.016	−0.029	.021D		2.8	3.5		2
3832	9 37 51	+ 4 54	− 9 25	−27	6.38 H	.	A0	−0.064	−0.001	.		.	.		
3833	9 37 10	+ 4 18	−32 11	−27	5.63 H	.	gK0	+0.034	−0.025	.		.	.		
3834	9 38 27	+ 5 13	+ 4 39	−27	4.67	+1.31	K3III	−0.163	−0.057	+.005	+ 45	.	.		G
3835	9 37 28	+ 4 10	−36 6	−27	6.09 H	.	K0	−0.038	−0.005	.		.	.		
3836	9 36 50	+ 3 35	−49 21	−27	4.34	+0.17	dA5	−0.112	+0.022	+.019	+ 21	8.5	26.7		
3837	9 36 47	+ 3 22	−52 57	−27	6.18	+1.06	G5	−0.125	+0.075	.		.	.		
3838	9 42 15	+ 8 33	+69 15	−27	5.55 R	.	gG9	−0.066	−0.074	.	− 9	.	.		
3839	9 42 57	+ 9 12	+72 15	−27	5.20 R	.	K0III	−0.026	−0.032	.	− 17	.	.		
3840	9 37 12	+ 3 20	−53 40	−27	5.44	+0.14	A3	−0.059	−0.023	.	− 13	.1	.7		3
3841	9 36 5	+ 2 19	−64 57	−27	6.55	+0.10	A2	−0.036	+0.028	.		.	.		
3842	9 38 1	+ 3 54	−43 11	−27	5.49	+1.00	gG6	+0.026	−0.038	+.013	+ 3	.	.		S
3843	9 45 30	+ 11 20	+78 9	−27	6.30 R	.	G5	+0.005	−0.003	.	− 27	.	.		
3844	9 38 41	+ 4 3	−39 37	−27	6.69	+0.49	F5	−0.048	−0.066	.		2.8	1.4		D
3845	9 39 51	+ 5 6	− 1 8	−27	3.89	+1.32	K3III	+0.046	−0.069	+.020	+ 23V?	.	.		
3846	9 39 47	+ 4 53	−10 34	−27	6.30	−0.04	B9	−0.028	+0.002	.		.	.		
3847	9 47 18	+ 11 51	+79 8	−28	6.07 R	.	F0	−0.024	−0.033	.	− 7	.	.		
3848	9 40 20	+ 4 53	−10 46	−27	6.19 H	.	A2	−0.006	−0.004	.		.	.		
3849	9 40 19	+ 4 48	−14 20	−27	5.06	−0.16	B5V	−0.029	−0.021	.	+ 18V	.	.		
3850	9 41 35	+ 5 55	+31 17	−27	5.91 R	.	gK6	+0.031	−0.007	.	− 13	7.5	28.7		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
3851	43 LYN	+40 2241	83805	13372	2297.	6244			9 35 49	+40 13	182 32	+49 2
3852	14 *o* LEO	+10 2044	83808	13366	2299.	6240	7480		9 35 49	+10 21	224 35	+42 3
3853	13 LEO	+26 1991	83821	13370	2301.	6243			9 35 53	+26 22	203 22	+47 46
3854		+49 1868	83869	13379	.	6248			9 36 9	+48 53	169 32	+47 56
3855		+55 1345	83886	13386	.	6249			9 36 12	+54 49	161 8	+46 21
3856		−60 1477	83944	13355	.	6234			9 36 35	−60 53	281 54	− 6 35
3857	13 LMI	+35 2042	83951	13388	.	6250			9 36 41	+35 32	189 41	+49 12
3858		−22 2684	83953	13373	.	6245	I		9 36 43	−23 8	256 17	+21 36
3859		+65 731	83962	13408	.	6258			9 36 45	+65 26	147 29	+42 10
3860	*ζ* CHA	−80 365	83979	13308	.	6219			9 36 50	−80 30	295 35	−21 3
3861	15 LEO	+30 1901	84107	13406	.	6257			9 37 42	+30 26	197 28	+48 55
3862		−23 8646	84117	13394	2306.	6254			9 37 44	−23 28	256 42	+21 32
3863		−57 2228	84121	13376	2305.	6246	I		9 37 38	−57 32	279 48	− 3 57
3864		−56 2435	84152	13380	.				9 37 52	−56 48	279 20	− 3 23
3865	28 UMA	+64 752	84179	13429	.	6267	B		9 38 14	+64 7	148 57	+42 55
3866	16 *ψ* LEO	+14 2136	84194	13414	.	6262			9 38 17	+14 29	219 52	+44 26
3867		−34 6097	84224	13404	.				9 38 28	−35 3	265 6	+13 9
3868		−54 2594	84228	13399	.				9 38 30	−54 45	278 5	− 1 46
3869		+19 2251	84252	13422	.	6264			9 38 57	+19 20	213 34	+46 26
3870		+57 1231	84335	13442	.	6273		VAR?	9 39 27	+57 35	157 10	+45 49
3871	*θ* ANT	−27 6881	84367	13425	2308.	6265	F		9 39 45	−27 19	259 53	+19 3
3872		−50 4420	84400	13421	.		R3023		9 39 54	−50 46	275 40	+ 1 25
3873	17 *ε* LEO	+24 2129	84441	13443	2310.	6274			9 40 11	+24 14	206 49	+48 12
3874		−38 5850	84447	13431	.				9 40 11	−39 7	268 6	+10 19
3875		−53 2788	84461	13426	.	6266			9 40 19	−53 26	277 26	+ 0 35
3876		+ 7 2181	84542	13452	.	6277			9 40 54	+ 7 10	229 8	+41 35
3877	18 LEO	+12 2090	84561	13454	.	6278			9 41 0	+12 16	223 4	+44 4
3878		−29 7758	84567	13445	.				9 40 58	−29 45	261 50	+17 27
3879		+ 2 2246	84607	13459	.	6280			9 41 14	+ 2 15	234 37	+38 59
3880	19 LEO	+12 2095	84722	13485	.	6287			9 42 3	+12 2	223 31	+44 11
3881		+46 1551	84737	13497	2316.	6291			9 42 8	+46 29	172 47	+49 25
3882	R LEO	+12 2096	84748	13489	2317.	6288		R LEO	9 42 11	+11 54	223 42	+44 9
3883		−56 2499	84809	13467	.			VAR?	9 42 29	−56 43	279 46	− 2 54
3884	I CAR	−61 1333	84810	13462	2318.	6282		I CAR	9 42 30	−62 3	283 12	− 7 0
3885		+66 637	84812	13519	.	6297			9 42 34	+66 4	146 20	+42 22
3886		−44 5846	84816	13481	.	6285			9 42 36	−44 18	271 51	+ 6 40
3887		−58 1640	84850	13476	.				9 42 52	−58 20	280 51	− 4 07
3888	29 *υ* UMA	+59 1268	84999	13540	2325.	6302	7534		9 43 53	+59 31	154 18	+45 34
3889	20 LEO	+21 2113	85040	13528	.	6299	B		9 44 14	+21 39	210 56	+48 22
3890	*υ* CAR	−64 1084	85123	13506	2328.	6293	IA		9 44 36	−64 36	285 2	− 8 49
3891	*υ* CAR	−64 1084	85124	13507	.		IB		9 44 36	−64 36	285 2	− 8 49
3892		−36 5955	85206	13539	.				9 45 17	−36 43	267 18	+12 48
3893	4 SEX	+ 5 2240	85217	13545	.	6305			9 45 18	+ 4 49	232 34	+41 16
3894	30 *φ* UMA	+54 1331	85235	13559	2329.	6312	7545		9 45 18	+54 32	160 52	+47 41
3895		−55 2548	85250	13527	.				9 45 23	−55 57	279 36	− 2 4
3896	23 LEO	+13 2164	85268	13554	.	6308			9 45 37	+13 32	222 10	+45 38
3897		−35 5961	85296	13543	.				9 45 37	−35 48	266 44	+13 32
3898		−45 5470	85355	13547	.	6307	I		9 46 4	−45 16	272 57	+ 6 19
3899	6 SEX	− 3 2794	85364	13558	.	6311			9 46 12	− 3 46	241 39	+36 24
3900	22 LEO	+25 2169	85376	13569	2333.	6315			9 46 13	+24 52	206 24	+49 41

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
3851	9 42 1	+ 6 12	+39 46	−27	5.36 R	.	G8III	−0.052	−0.046	+.019	+ 30	.	.		
3852	9 41 9	+ 5 20	+ 9 54	−27	3.51	+0.49	A2+F6II	−0.142	−0.041	+.028	+ 27V	6.0	85.4		R
3853	9 41 38	+ 5 45	+25 55	−27	6.28 R	.	gK2	−0.012	−0.038	+.010	− 26	.	.		
3854	9 42 43	+ 6 34	+48 26	−27	6.34 R	.	A0	−0.026	−0.019	.	− 12V	.	.		R
3855	9 43 7	+ 6 55	+54 22	−27	6.33 R	.	A2	−0.041	−0.036	.	+ 21	.	.		
3856	9 39 21	+ 2 46	−61 20	−27	4.51	−0.07	B9V	−0.041	+0.014	.	+ 24V	.	.		
3857	9 42 43	+ 6 2	+35 5	−27	5.95 R	.	dF1	−0.015	−0.055	.	− 8	.	.		
3858	9 41 17	+ 4 34	−23 35	−27	4.72	−0.13	B2pe	−0.030	−0.008	.	+ 26	3.3	54.7		
3859	9 44 37	+ 7 52	+64 59	−27	6.12 R	.	F2	−0.050	+0.009	.	− 28	.	.		
3860	9 33 53	− 2 57	−80 57	−27	5.24 H	−0.15	B5IV	−0.030	+0.003	.	− 52V	.	.		6
3861	9 43 34	+ 5 52	+29 58	−28	5.60 R	+0.12	A3V	−0.023	−0.111	.	+ 16	.	.		
3862	9 42 15	+ 4 31	−23 55	−27	4.93	+0.53	G0V	−0.400	+0.254	+.073	+ 34	.	.		
3863	9 40 43	+ 3 5	−57 59	−27	5.31	+0.20	A2	−0.034	−0.002	+.036	+ 7V	.3	.2		*
3864	9 41 2	+ 3 10	−57 15	−27	5.80	+1.09	gG9	+0.081	−0.049	.		.	.		
3865	9 45 55	+ 7 41	+63 39	−28	6.42 R	.	A7n	−0.013	−0.047	.	− 27	5.5	6.3		*
3866	9 43 44	+ 5 27	+14 2	−27	5.41 R	.	gM2	+0.001	−0.005	.	+ 8	.	.		
3867	9 42 41	+ 4 13	−35 30	−27	6.40	−0.06	B9	−0.020	−0.008	.		.	.		
3868	9 41 48	+ 3 18	−55 12	−27	5.99	−0.14	B5	−0.022	−0.010	.		.	.		
3869	9 44 31	+ 5 34	+18 52	−28	6.44 R	.	K0	−0.006	−0.060	.	− 1	.	.		
3870	9 46 32	+ 7 5	+57 7	−28	5.09 R	.	gM3	+0.002	+0.028	.	+ 8	.	.		
3871	9 44 12	+ 4 27	−27 46	−27	4.78	+0.52	F7	−0.052	+0.032	+.045	+ 24	.	.1		
3872	9 43 27	+ 3 33	−51 14	−28	6.14	−0.11	B8	−0.029	−0.009	.		5.5	2.1		
3873	9 45 51	+ 5 40	+23 46	−28	2.96	+0.80	G0II	−0.044	−0.018	+.002	+ 5	.	.		
3874	9 44 16	+ 4 5	−39 35	−28	6.81	+0.31	A5	−0.032	+0.004	.		.	.		
3875	9 43 43	+ 3 24	−53 54	−28	5.55	−0.04	A0V	−0.072	+0.016	.	+ 6V	.	.		
3876	9 46 10	+ 5 16	+ 6 42	−28	5.78	+1.64	gM1	+0.004	−0.034	.	+ 3	.	.		
3877	9 46 23	+ 5 23	+11 48	−28	5.60 R	.	gK4	−0.018	+0.010	.	+ 30	.	.		
3878	9 45 22	+ 4 24	−30 13	−28	6.44	−0.14	B2	−0.034	−0.004	.	+ 22	.	.		
3879	9 46 24	+ 5 10	+ 1 47	−28	5.61 R	.	dF0	−0.057	−0.048	.	+ 15	.	.		6
3880	9 47 25	+ 5 22	+11 34	−28	6.27 R	.	A3n	−0.054	+0.000	.	− 4	.	.		
3881	9 48 35	+ 6 27	+46 1	−28	5.11	+0.62	G1V	+0.224	−0.100	+.066	+ 5	.	.		
3882	9 47 34	+ 5 23	+11 26	−28	5.0 H	.	gM8e	+0.001	−0.047	+.002	+ 13	.	.		
3883	9 45 41	+ 3 12	−57 11	−28	6.46	−0.12	B8	−0.031	+0.010	.		.	.		
3884	9 45 15	+ 2 45	−62 31	−28	3.40	+1.20	cG2	−0.015	+0.007	+.019	+ 4V	.	.		
3885	9 50 24	+ 7 50	+65 36	−28	6.23 R	.	F0	−0.053	−0.032	.	− 7	.	.		
3886	9 46 30	+ 3 54	−44 46	−28	5.54	−0.19	B3V	−0.013	−0.003	.	− 8V	.	.		
3887	9 45 55	+ 3 3	−58 48	−28	6.21	+0.46	F6IV-V	−0.124	+0.050	.	+ 6	.	.		
3888	9 50 59	+ 7 6	+59 3	−28	3.77	+0.30	F2IV	−0.292	−0.158	+.036	+ 31	7.6	11.6		3
3889	9 49 50	+ 5 36	+21 11	−28	5.92 R	.	A8s	−0.045	−0.017	.	+ 26V	.4	.3		*
3890	9 47 6	+ 2 30	−65 4	−28	3.15 H	.	A9II	−0.011	+0.004	+.020	+ 14	2.8	5.2		D
3891	9 47 6	+ 2 30	−65 4	−28	6.03 H	.	F0	−0.008	+0.015	.		2.8	5.2		D
3892	9 49 29	+ 4 12	−37 11	−28	5.96	+1.25	K0	−0.088	+0.018	.		.	.		
3893	9 50 30	+ 5 12	+ 4 21	−28	6.16 R	.	dF6	−0.148	−0.059	.	+ 17V	.	.		R
3894	9 52 6	+ 6 48	+54 4	−28	4.57 R	.	A3s	−0.004	+0.014	+.025	− 12	.6	.5		D
3895	9 48 40	+ 3 17	−56 25	−28	6.04	+0.94	K0	−0.057	+0.007	.		.	.		
3896	9 51 2	+ 5 25	+13 4	−28	6.55 R	.	gM0	+0.028	−0.013	.	− 9	.	.		
3897	9 49 51	+ 4 14	−36 16	−28	6.35	+1.00	K0	−0.024	−0.002	.		.	.		
3898	9 49 57	+ 3 53	−45 44	−28	5.07	−0.11	B7	−0.032	−0.002	.	+ 12	3.3	66.3		D
3899	9 51 14	+ 5 2	− 4 14	−28	6.00 H	.	A5III	+0.010	−0.031	.	− 10	.	.		
3900	9 51 54	+ 5 41	+24 24	−28	5.25 R	+0.23	A5V	+0.008	−0.184	+.038	− 2	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
3901		− 5 2923	85380	13565	.				9 46 23	− 5 43	243 33	+35 11
3902	ν CHA	−76 598	85396	13514	2335.	6295			9 46 18	−76 19	292 57	−17 39
3903	39 υ^1 HYA	−14 2963	85444	13570	2336.	6316			9 46 40	−14 23	251 14	+29 26
3904		−46 5558	85483	13563	.				9 46 52	−46 28	273 49	+ 5 28
3905	24 μ LEO	+26 2019	85503	13590	2338.	6325			9 47 5	+26 29	204 2	+50 15
3906	7 SEX	+ 3 2280	85504	13582	2337.	6322			9 47 3	+ 2 55	234 59	+40 34
3907		+ 0 2573	85505	13583	.	6323			9 47 4	+ 0 33	237 30	+39 12
3908		−15 2920	85519	13580	.				9 47 13	−16 4	252 43	+28 21
3909	8 γ SEX	− 7 2909	85558	13593	2342.	6326	7555		9 47 33	− 7 38	245 33	+34 10
3910		−45 5499	85563	13574	.				9 47 27	−45 44	273 26	+ 6 6
3911		+61 1151	85583	13613	.	6332	B		9 47 46	+61 36	151 20	+45 3
3912		−45 5508	85622	13587	2343.	6324			9 47 49	−46 5	273 42	+ 5 52
3913		−58 1673	85655	13584	.				9 48 5	−58 57	281 46	− 4 10
3914		−62 1335	85656	13578	.	6320			9 48 7	−62 17	283 52	− 6 46
3915		+ 6 2224	85709	13608	.	6331			9 48 28	+ 6 26	231 18	+42 48
3916		−26 7505	85725	13599	2344.	6327	R3110		9 48 30	−26 52	261 6	+20 42
3917	31 UMA	+50 1698	85795	13643	2345.1	6338		SY UMA	9 49 11	+50 18	166 38	+49 37
3918		+73 478	85841	13684	.	6349			9 49 27	+73 21	137 56	+38 48
3919		−25 7585	85859	13627	2347.	6334			9 49 40	−25 28	260 19	+21 55
3920		−54 2816	85871	13612	.				9 49 35	−54 54	279 24	+ 0 52
3921		−21 2935	85905	13631	.				9 49 54	−22 1	257 50	+24 30
3922		+58 1224	85945	13677	2349.	6347			9 50 15	+57 54	155 54	+47 0
3923		−18 2810	85951	13644	2348.	6340			9 50 9	−18 32	255 14	+27 5
3924		−50 4622	85953	13629	.	6335			9 50 10	−50 40	276 52	+ 2 31
3925		−44 5987	85980	13637	.	6336	I		9 50 21	−44 49	273 15	+ 7 8
3926		+ 9 2262	86080	13679	2352.	6348			9 51 8	+ 9 24	228 15	+44 54
3927		−49 4801	86087	13655	.				9 51 8	−49 46	276 26	+ 3 19
3928	19 LMI	+41 2033	86146	13700	2355.	6354			9 51 34	+41 32	180 4	+51 53
3929		+46 1566	86166	13704	.	6355			9 51 38	+45 53	173 10	+51 9
3930		−40 5626	86211	13685	.				9 51 58	−40 21	270 41	+10 49
3931		−25 7622	86266	13697	.		7591		9 52 15	−26 4	261 13	+21 51
3932		−32 6895	86267	13695	.				9 52 13	−32 57	265 55	+16 36
3933		−26 7551	86301	13701	.				9 52 23	−27 0	261 53	+21 10
3934		+84 225	86321	13814	.	6386			9 52 37	+84 24	127 36	+31 39
3935		−50 4662	86352	13698	.	6353			9 52 41	−50 52	277 18	+ 2 36
3936		+28 1824	86358	13725	.	6363			9 52 43	+28 14	201 41	+51 48
3937	27 ν LEO	+13 2183	86360	13724	2357.	6362			9 52 51	+12 55	224 6	+46 56
3938		+ 9 2269	86369	13721	.	6361			9 52 50	+ 8 47	229 18	+44 57
3939		+57 1242	86378	13735	.	6367			9 52 59	+57 17	156 29	+47 36
3940	ϕ VEL	−53 3075	86440	13711	.	6356	I		9 53 21	−54 6	279 21	+ 0 6
3941		−52 2980	86466	13718	.	6358			9 53 33	−52 10	278 12	+ 1 39
3942		+30 1946	86513	13742	.	6370			9 53 50	+30 7	198 42	+52 20
3943		−47 5399	86523	13727	.		I		9 53 52	−47 56	275 40	+ 5 3
3944		−70 953	86606	13716	.	6357			9 54 25	−70 55	289 49	−13 8
3945	12 SEX	+ 4 2276	86611	13746	.	6371		VAR?	9 54 32	+ 3 52	235 21	+42 38
3946		−23 8898	86612	13743	.				9 54 29	−23 28	259 46	+24 8
3947	η ANT	−35 6050	86629	13741	2360.	6369	I		9 54 35	−35 25	267 56	+15 0
3948		−63 1233	86634	13728	.				9 54 33	−64 1	285 31	− 7 41
3949		−68 1011	86659	13729	.	6364			9 54 51	−68 37	288 24	−11 18
3950	29 π LEO	+ 8 2301	86663	13755	2364.	6375			9 54 56	+ 8 31	230 0	+45 15

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
3901	9 51 22	+ 4 59	− 6 11	−28	6.52 H	.	G0	−0.128	+0.056	.		.	.		
3902	9 46 21	+ 0 3	−76 47	−28	5.44	+0.89	K0	+0.104	−0.055	+.012	+ 11	.	.		
3903	9 51 29	+ 4 49	−14 51	−28	4.12	+0.92	G8III	+0.019	−0.029	+.016	− 15	.	.		G
3904	9 50 42	+ 3 50	−46 56	−28	6.02 H	.	gK0	−0.040	+0.010	.		.	.		
3905	9 52 46	+ 5 41	+26 1	−28	3.94 R	.	K2III	−0.218	−0.059	+.022	+ 14	.	.		
3906	9 52 12	+ 5 9	+ 2 27	−28	6.02	−0.04	A1V	−0.183	+0.089	+.009	+ 97	.	.		
3907	9 52 11	+ 5 7	+ 0 5	−28	6.29 H	.	G9III	−0.039	−0.028	.	+ 19	.	.		
3908	9 51 59	+ 4 46	−16 32	−28	6.31 H	.	K0	+0.024	−0.070	.		.	.		
3909	9 52 30	+ 4 57	− 8 6	−28	5.05	+0.04	A2	−0.058	−0.043	+.009	+ 12	.4	.8	3	D
3910	9 51 19	+ 3 52	−46 12	−28	5.60	+1.17	K0	−0.045	+0.030	.		.	.		
3911	9 55 4	+ 7 18	+61 8	−28	6.26 R	.	K0	+0.006	−0.004	.	− 11	6.8	12.2		
3912	9 51 41	+ 3 52	−46 33	−28	4.57	+1.20	gG4	−0.015	−0.007	+.000	+ 11V	.	.		R
3913	9 51 12	+ 3 7	−59 25	−28	5.78	+1.36	gK2	+0.022	−0.047	.		.	.		
3914	9 50 56	+ 2 49	−62 45	−28	5.55	+1.32	gG9	−0.005	+0.000	.	+ 12	.	.		
3915	9 53 43	+ 5 15	+ 5 58	−28	6.10 R	.	gM2	−0.009	−0.011	.	− 1	.	.		
3916	9 52 59	+ 4 29	−27 20	−28	6.29	+0.62	dG1	−0.286	+0.087	+.009	+ 23	6.7	1.1		*
3917	9 55 43	+ 6 32	+49 50	−28	5.27VR	.	A2	−0.006	+0.016	+.024	− 6	.	.		
3918	9 58 23	+ 8 56	+72 52	−29	5.89 R	.	gK3	−0.076	−0.044	.	+ 4	.	.		
3919	9 54 12	+ 4 32	−25 56	−28	4.88	+1.23	gK3	−0.185	+0.061	+.023	+ 51	.	.		
3920	9 53 0	+ 3 25	−55 22	−28	6.48	−0.16	B1V	−0.019	−0.006	.	− 18V	.	.		
3921	9 54 32	+ 4 38	−22 29	−28	6.23	+0.04	A2	−0.039	−0.035	.		.	.		
3922	9 57 13	+ 6 58	+57 25	−29	5.92 R	.	gG5	+0.031	−0.065	+.004	− 44	.	.		
3923	9 54 52	+ 4 43	−19 0	−28	4.94	+1.55	M1III	−0.048	−0.037	+.006	+ 50V	.	.		6
3924	9 53 50	+ 3 40	−51 8	−28	5.92	−0.16	B2III	−0.010	−0.015	.	+ 8	.	.		
3925	9 54 17	+ 3 56	−45 17	−28	5.70	−0.14	B4V	−0.025	−0.014	.	+ 26V	2.1	6.0		*
3926	9 56 26	+ 5 18	+ 8 56	−28	5.84	+1.13	gK2	−0.089	+0.011	+.008	+ 9	.	.		
3927	9 54 51	+ 3 43	−50 14	−28	5.72	+0.00	A0	−0.035	+0.007	.		.	.		
3928	9 57 41	+ 6 7	+41 3	−29	5.13	+0.47	F5V	−0.117	−0.031	+.038	− 10V	.	.		R
3929	9 57 56	+ 6 18	+45 24	−29	6.37 R	.	K0	+0.004	−0.038	.	+ 5	.	.		
3930	9 56 5	+ 4 7	−40 50	−29	6.40	+1.61	M1	−0.006	−0.039	.		.	.		
3931	9 56 47	+ 4 32	−26 33	−29	6.27	+0.22	A4	−0.114	+0.000	.		5.2	3.2		2
3932	9 56 35	+ 4 22	−33 25	−28	5.83	+1.20	gK0	+0.028	+0.019	.		.	.		
3933	9 56 54	+ 4 31	−27 28	−28	6.31	+0.17	A4	−0.083	+0.024	.		.	.		
3934	10 8 34	+ 15 57	+83 55	−29	6.36 R	.	K0	−0.005	+0.004	.	− 12	.	.		
3935	9 56 22	+ 3 41	−51 21	−29	6.36	−0.18	B3	+0.002	−0.017	.	+ 9	.	.		
3936	9 58 26	+ 5 43	+27 45	−29	6.37 R	.	F0	−0.115	−0.039	.	+ 36V	.	.		R
3937	9 58 14	+ 5 23	+12 26	−29	5.17 R	−0.04	B9.5V	−0.025	−0.022	+.015	+ 19V	.	.		6
3938	9 58 8	+ 5 18	+ 8 18	−29	6.03	+1.36	gK3	+0.009	−0.029	.	− 19	.	.		
3939	9 59 52	+ 6 53	+56 48	−29	5.53 R	.	gK5	−0.030	−0.035	.	− 13	.	.		
3940	9 56 52	+ 3 31	−54 35	−29	3.53	−0.09	B5II	−0.014	+0.002	.	+ 14	7.8	37.2		
3941	9 57 10	+ 3 37	−52 39	−29	6.11	−0.14	B3V	−0.015	−0.008	.	+ 17	.	.		
3942	9 59 36	+ 5 46	+29 38	−29	5.68 R	.	gG9	−0.087	−0.043	.	− 1	.	.		
3943	9 57 42	+ 3 50	−48 25	−29	6.04	−0.14	B3Vnn	−0.021	−0.021	.	− 2V	4.7	14.4		*
3944	9 56 9	+ 1 44	−71 24	−29	6.34	−0.09	B0	−0.012	−0.006	.	− 30	.	.		
3945	9 59 43	+ 5 11	+ 3 23	−29	6.55 R	.	A5	−0.070	+0.018	.	− 4V	.	.		6
3946	9 59 6	+ 4 37	−23 57	−29	6.20	−0.10	B5	−0.052	+0.018	.		.	.		
3947	9 58 52	+ 4 17	−35 54	−29	5.22	+0.30	F0V	−0.095	−0.022	+.022	+ 30	6.8	31.3		3
3948	9 57 16	+ 2 43	−64 30	−29	6.57	+1.13	K0	−0.124	+0.064	.		.	.		
3949	9 57 0	+ 2 9	−69 6	−29	6.19	−0.10	B4IV	−0.021	−0.007	.	+ 20	.	.		
3950	10 0 13	+ 5 17	+ 8 2	−29	4.71	+1.60	M2III	−0.031	−0.028	+.016	+ 23	.	.		

BS = HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
3951	20 LMI	+32 1964	86728	13763	2366.	6376			9 55 15	+32 25	194 59	+52 52
3952		+22 2164	87015	13796	.	6381			9 57 14	+22 26	211 9	+51 28
3953		−56 2746	87030	13772	.				9 57 10	−56 28	281 12	− 1 28
3954		+54 1348	87141	13827	.	6389			9 57 58	+54 23	160 1	+49 27
3955		−52 3087	87152	13792	.	6380			9 58 3	−52 53	279 11	+ 1 30
3956		−29 8034	87199	13810	.				9 58 21	−30 6	265 5	+19 38
3957		−56 2770	87238	13803	.				9 58 34	−56 52	281 36	− 1 40
3958		+53 1384	87243	13842	.	6392			9 58 37	+52 50	162 10	+50 9
3959		− 8 2836	87262	13823	.				9 58 44	− 9 5	249 7	+35 14
3960		−59 1695	87283	13809	.				9 58 49	−59 56	283 27	− 4 7
3961	13 SEX	+ 3 2311	87301	13836	.	6390			9 58 58	+ 3 41	236 26	+43 26
3962		−24 8711	87330	13833	.		7625		9 59 5	−24 50	261 36	+23 48
3963		−17 3047	87344	13839	.		7627AB		9 59 17	−17 37	256 19	+29 14
3964		−46 5759	87363	13830	.				9 59 23	−46 9	275 20	+ 7 2
3965		−23 8973	87427	13848	.	6393			9 59 44	−23 48	261 0	+24 41
3966		−59 1752	87436	13834	.				9 59 47	−59 42	283 24	− 3 52
3967		−61 1431	87438	13826	.			VAR?	9 59 46	−61 40	284 34	− 5 27
3968		−39 6100	87477	13853	.				10 0 11	−39 29	271 25	+12 28
3969		+16 2077	87500	13867	.	6397			10 0 15	+16 15	220 43	+49 59
3970	40 υ^2 HYA	−12 3073	87504	13861	.	6395		VAR?	10 0 15	−12 35	252 27	+33 3
3971		−61 1441	87543	13845	.		I		10 0 29	−61 24	284 29	− 5 11
3972		−35 6130	87606	13870	.				10 0 56	−35 54	269 18	+15 25
3973	14 SEX	+ 6 2259	87682	13888	.	6402			10 1 34	+ 6 6	234 10	+45 21
3974	21 LMI	+35 2110	87696	13896	.	6404		VAR?	10 1 32	+35 44	189 28	+54 15
3975	30 η LEO	+17 2171	87737	13899	2380.	6405			10 1 53	+17 15	219 31	+50 45
3976		−46 5806	87783	13890	2381.	6403	I		10 2 14	−46 53	276 10	+ 6 44
3977		−16 2974	87808	13902	.	6407			10 2 22	−16 39	256 11	+30 27
3978		−51 4471	87816	13891	.			R VEL	10 2 23	−51 42	279 1	+ 2 50
3979		+32 1982	87822	13917	.	6415	7651		10 2 30	+32 6	195 42	+54 22
3980	31 LEO	+10 2112	87837	13911	.	6412	7649		10 2 36	+10 29	228 56	+47 53
3981	15 α SEX	+ 0 2615	87887	13916	2383.	6414			10 2 49	+ 0 7	241 6	+42 4
3982	32 α LEO	+12 2149	87901	13926	2384.	6417	7654A	VAR?	10 3 3	+12 27	226 26	+48 56
3983	μ CHA	−81 399	87971	13849	.	6394			10 3 24	−81 44	297 17	−21 17
3984		−36 6156	88013	13928	.				10 3 43	−36 51	270 21	+14 59
3985		−10 3000	88024	13935	.				10 3 50	−10 24	251 21	+35 13
3986		−14 3036	88025	13933	.				10 3 46	−15 7	255 16	+31 48
3987		+41 2063	88161	13976	.	6433			10 4 57	+41 9	180 6	+54 25
3988		−11 2818	88182	13965	.				10 5 2	−11 36	252 38	+34 34
3989	17 SEX	− 7 2972	88195	13969	.				10 5 9	− 7 55	249 26	+37 11
3990		−51 4507	88206	13953	.	6427			10 5 9	−51 19	279 9	+ 3 24
3991		−12 3101	88215	13970	2389.	6430			10 5 13	−12 19	253 17	+34 5
3992		−35 6194	88218	13961	2388.	6429	R3266		10 5 13	−35 22	269 41	+16 22
3993		+38 2110	88231	13985	.	6435			10 5 17	+37 53	185 42	+54 53
3994	41 λ HYA	−11 2820	88284	13982	2393.	6434	7671		10 5 43	−11 52	253 0	+34 30
3995		−65 1248	88323	13960	2394.	6428	I		10 5 55	−65 20	287 17	− 8 1
3996	18 SEX	− 7 2977	88333	13990	.	6437		VAR?	10 5 57	− 7 56	249 38	+37 19
3997		−80 423	88351	13909	.			VAR?	10 6 3	−81 5	296 56	−20 43
3998	34 LEO	+14 2217	88355	13999	.	6440	7674		10 6 16	+13 51	225 4	+50 16
3999	S CAR	−60 1701	88366	13971	.	6431		S CAR	10 6 11	−61 4	284 51	− 4 31
4000		− 6 3096	88372	13995	.	6438			10 6 18	− 6 49	248 41	+38 9

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
3951	10 1 1	+ 5 46	+31 55	−30	5.36	+0.64	G4V	−0.522	−0.436	+.053	+ 56	.	.		
3952	10 2 48	+ 5 34	+21 57	−29	5.51 R	−0.20	B3	−0.019	−0.013	.	+ 3	.	.		
3953	10 0 34	+ 3 24	−56 57	−29	6.50	+0.98	G5	−0.064	+0.001	.		.	.		
3954	10 4 37	+ 6 39	+53 54	−29	5.68 R	.	dF4	−0.023	−0.012	.	− 16	.	.		
3955	10 1 41	+ 3 38	−53 22	−29	6.20	−0.14	B5n	−0.041	−0.024	.	+ 12	.	.		
3956	10 2 49	+ 4 28	−30 35	−29	6.62 H	.	K0	−0.019	+0.016	.		.	.		
3957	10 1 58	+ 3 24	−57 21	−29	6.19	+1.12	K0	−0.041	+0.020	.		.	.		
3958	10 5 10	+ 6 33	+52 21	−29	6.09 R	.	A2	−0.004	−0.028	.	− 25V	.	.		
3959	10 3 40	+ 4 56	− 9 34	−29	6.41 H	.	K0	+0.003	−0.014	.		.	.		
3960	10 2 0	3 11	−60 25	−29	5.94	+0.26	F0	−0.018	−0.001	.		.	.		G
3961	10 4 9	+ 5 11	+ 3 12	−29	6.32 R	.	dF3	−0.076	−0.100	.	+ 0	.	.		6
3962	10 3 41	+ 4 36	−25 19	−29	6.73 H	.	A0	−0.039	+0.004	.		6.3	15.9		
3963	10 4 3	+ 4 46	−18 6	−29	5.85	−0.07	A0	−0.011	−0.005	.		6.3	10.9	3	D
3964	10 3 21	+ 3 58	−46 38	−29	6.11	+0.02	A1	−0.035	−0.016	.		.	.		
3965	10 4 21	+ 4 37	−24 17	−29	5.80 H	.	A8V	−0.097	+0.022	.	+ 4	.	.		
3966	10 3 0	+ 3 13	−60 11	−29	6.18	+0.17	A5m?	−0.011	−0.002	.		.	.		
3967	10 2 49	+ 3 3	−62 9	−29	6.44 H	.	K5	−0.009	+0.003	.		.	.		
3968	10 4 23	+ 4 12	−39 58	−29	6.44 H	.	K0	−0.039	−0.004	.		.	.		
3969	10 5 41	+ 5 26	+15 46	−29	6.23 R	.	F0	−0.078	−0.024	.	+ 12	.	.		
3970	10 5 7	+ 4 52	−13 4	−29	4.60	−0.09	B8V	−0.038	+0.010	.	+ 28V	.	.		R
3971	10 3 34	+ 3 5	−61 53	−29	6.34 H	.	B8	−0.004	−0.002	.008D		1.4	1.3		2
3972	10 5 16	+ 4 20	−36 23	−29	6.28 H	.	gK1	−0.012	−0.001	.		.	.		
3973	10 6 48	+ 5 14	+ 5 37	−29	6.18 R	.	gG6	−0.034	−0.021	.	+ 17	.	.		
3974	10 7 26	+ 5 54	+35 15	−29	4.48	+0.18	A7V	+0.052	−0.002	.	− 18V?	.	.		G
3975	10 7 20	+ 5 27	+16 46	−29	3.48	−0.02	A0Ib	−0.001	−0.008	−.006	+ 3	.	.		
3976	10 6 12	+ 3 58	−47 22	−29	5.07	+0.88	K0IV	+0.005	−0.063	+.011	+ 20	1.7	.5		2
3977	10 7 10	+ 4 48	−17 8	−29	5.59	+1.50	gK5	+0.026	−0.047	.	+ 11	.	.		
3978	10 6 7	+ 3 44	−52 11	−29	6.76 H	.	gG9	−0.073	+0.009	.		.	.		
3979	10 8 16	+ 5 46	+31 37	−29	6.09 R	.	F5	−0.082	−0.088	.	− 8	6.8	27.7		3
3980	10 7 54	+ 5 18	+10 0	−29	4.43 R	.	K4III	−0.081	−0.066	.	+ 41	9.0	8.0		3
3981	10 7 56	+ 5 7	− 0 22	−29	4.49	−0.04	A0III	−0.016	−0.013	+.008	+ 7	.	.		
3982	10 8 22	+ 5 19	+11 58	−29	1.36	−0.11	B7V	−0.248	+0.001	+.039	+ 4	6.5	176.9	4	*
3983	10 0 44	− 2 40	−82 13	−29	5.52	+0.03	A0	−0.024	+0.028	.	+ 16V	.	.		R
3984	10 8 2	+ 4 19	−37 20	−29	6.36 H	.	K0	−0.014	−0.001	.		.	.		
3985	10 8 45	+ 4 55	−10 53	−29	6.46 H	.	A0	+0.001	−0.006	.		.	.		
3986	10 8 36	+ 4 50	−15 36	−29	6.26	−0.02	A0	−0.029	+0.011	.		.	.		
3987	10 10 59	+ 6 2	+40 39	−30	6.28 R	.	gK3	−0.014	−0.010	.	+ 14	.	.		
3988	10 9 56	+ 4 54	−12 6	−30	6.23	+0.18	A2	−0.007	−0.039	.		.	.		
3989	10 10 7	+ 4 58	− 8 24	−29	5.90	+0.02	A0	−0.030	−0.004	.		.	.		
3990	10 8 57	+ 3 48	−51 48	−29	4.85	−0.14	B2V	−0.015	−0.005	.	+ 23V	.	.		
3991	10 10 5	+ 4 52	−12 49	−30	5.30	+0.37	F5V	−0.127	−0.117	+.017	+ 23	.	.		
3992	10 9 32	+ 4 19	−35 51	−29	6.12	+0.60	dF9	−0.437	+0.001	+.042	+ 41	3.7	2.1		2
3993	10 11 12	+ 5 55	+37 23	−30	5.94 R	.	gK3	−0.029	−0.033	.	+ 9	.	.		
3994	10 10 35	+ 4 52	−12 22	−30	3.62	+1.02	K0III	−0.204	−0.093	+.014	+ 19V	7.7	112.2	3	*
3995	10 8 42	+ 2 47	−65 49	−29	5.27	+0.98	gG9	−0.068	+0.036	−.019	+ 0	3.7	61.3		
3996	10 10 55	+ 4 58	− 8 26	−30	5.79 H	.	gK2	−0.009	−0.047	.	+ 0	.	.		
3997	10 4 8	− 1 55	−81 34	−29	6.59	+0.92	G5	−0.034	+0.042	.		.	.		
3998	10 11 39	+ 5 23	+13 21	−30	6.44	+0.46	F6V	+0.039	−0.042	.	− 16	.8	.2		*
3999	10 9 22	+ 3 11	−61 33	−29	5.4 H	.	gK5e	−0.094	+0.066	.	+289	.	.		
4000	10 11 18	+ 5 0	− 7 19	−30	6.24	+0.01	A0	+0.009	−0.008	.	+ 13	.	.		6

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
4001		−41 5658	88399	13992	.				10 6 25	−41 13	273 26	+11 46
4002		−68 1034	88473	13986	.		I		10 7 2	−68 11	289 3	−10 17
4003		−27 7266	88522	14010	.		7681		10 7 29	−28 7	265 26	+22 26
4004	19 SEX	+ 5 2301	88547	14022	.	6444			10 7 36	+ 5 7	236 32	+46 1
4005		−18 2870	88595	14025	.	6445			10 7 54	−18 39	258 51	+29 50
4006		+27 1862	88639	14037	.	6452			10 8 11	+27 38	203 38	+55 4
4007		−58 1979	88647	14013	.				10 8 10	−58 20	283 30	− 2 7
4008	U UMA	+60 1246	88651	14054	.	6458		U UMA	10 8 14	+60 29	150 55	+47 45
4009		−57 2781	88661	14018	.			VAR?	10 8 17	−57 34	283 5	− 1 29
4010		−51 4560	88693	14027	.				10 8 35	−51 40	279 47	+ 3 25
4011		−26 7752	88699	14039	.				10 8 43	−26 32	264 37	+23 51
4012		+21 2165	88737	14056	.	6460			10 9 0	+21 40	213 42	+53 51
4013		−32 7158	88742	14042	2402.	6453			10 9 0	−32 32	268 34	+19 6
4014	22 LMI	+32 2005	88786	14068	.	6463			10 9 22	+31 58	196 5	+55 49
4015		−39 6222	88809	14052	.		R3294		10 9 31	−39 51	273 7	+13 14
4016		+73 489	88815	14101	.	6473			10 9 36	+73 34	136 32	+39 45
4017		−50 4924	88824	14047	.	6455			10 9 31	−50 44	279 23	+ 4 16
4018		−59 1974	88825	14046	.				10 9 38	−59 25	284 16	− 2 54
4019		−39 6225	88836	14059	.		R3297		10 9 41	−39 49	273 8	+13 17
4020		−51 4578	88842	14050	.		R3293		10 9 38	−51 16	279 42	+ 3 50
4021		+71 534	88849	14102	2405.	6474	7705A	VAR?	10 9 47	+71 34	138 27	+41 7
4022		−61 1517	88907	14055	.	6459			10 10 6	−61 10	285 18	− 4 19
4023		−41 5713	88955	14076	2407.	6466			10 10 32	−41 38	274 20	+11 53
4024	23 LMI	+30 1981	88960	14086	.	6468			10 10 34	+29 49	199 57	+55 54
4025		−65 1273	88981	14066	2408.	6462			10 10 41	−65 53	288 1	− 8 11
4026	32 UMA	+65 767	88983	14123	.	6482			10 10 47	+65 36	144 37	+45 1
4027	24 LMI	+29 2021	88986	14091	.	6471			10 10 48	+29 11	201 4	+55 52
4028		+18 2338	88987	14090	.	6470	7704		10 10 49	+18 14	219 22	+53 5
4029		−35 6260	89015	14081	.				10 10 58	−36 1	271 4	+16 31
4030	35 LEO	+24 2207	89010	14096	2410.	6472			10 11 0	+24 0	210 4	+54 56
4031	36 ζ LEO	+24 2209	89025	14107	2412.	6478			10 11 8	+23 55	210 13	+54 57
4032		+26 2064	89024	14106	.	6476			10 11 7	+25 53	206 52	+55 24
4033	33 λ UMA	+43 2005	89021	14113	2411.	6480			10 11 4	+43 25	175 52	+55 5
4034		−10 3029	89033	14092	.				10 11 13	−10 42	253 13	+36 16
4035	37 LEO	+14 2228	89056	14110	.	6479			10 11 19	+14 14	225 24	+51 32
4036		−42 6074	89062	14088	.				10 11 20	−42 37	275 1	+11 9
4037	ω CAR	−69 1178	89080	14074	.	6465			10 11 22	−69 32	290 10	−11 10
4038		−54 3356	89104	14087	.	6469			10 11 34	−54 29	281 44	+ 1 20
4039	39 LEO	+23 2207	89125	14124	2413.	6483	7712		10 11 45	+23 36	210 49	+55 0
4040		−19 2964	89169	14121	.		7711		10 12 1	−20 10	260 50	+29 17
4041		+28 1867	89239	14132	.	6486			10 12 33	+27 55	203 25	+56 4
4042	22 ϵ SEX	− 7 3001	89254	14129	2415.	6485			10 12 40	− 7 34	250 47	+38 46
4043		−59 2008	89263	14119	.		I		10 12 38	−59 24	284 34	− 2 41
4044		+47 1761	89268	14145	.	6492	B		10 12 49	+47 16	169 20	+54 16
4045		−50 4990	89273	14126	.			VAR?	10 12 46	−50 42	279 47	+ 4 35
4046		+49 1940	89319	14154	.	6496			10 13 14	+48 54	166 41	+53 46
4047		+69 568	89343	14180	.	6504			10 13 26	+69 15	140 30	+42 53
4048		+25 2231	89344	14151	.	6494			10 13 27	+25 13	208 13	+55 46
4049		−28 8070	89353	14144	.	6491			10 13 33	−28 30	266 51	+22 56
4050		−60 1817	89388	14133	2418.	6487		VAR?	10 13 45	−60 50	285 29	− 3 48

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
4001	10 10 38	+ 4 13	−41 43	−30	5.97	+1.25	K0	+0.047	−0.124	.		.	.		
4002	10 9 31	+ 2 29	−68 41	−30	5.80	+0.02	A0	−0.003	+0.004	.007D		.1	.9	3	
4003	10 12 3	+ 4 34	−28 37	−30	6.27	+0.01	A0	−0.028	−0.019	.		.1	.2		7
4004	10 12 48	+ 5 12	+ 4 37	−30	5.72 R	.	gK0	−0.052	−0.009	.	+ 32	.	.		
4005	10 12 39	+ 4 45	−19 9	−30	6.44 H	.	F5	−0.237	−0.120	.	+ 34	.	.		
4006	10 13 50	+ 5 39	+27 8	−30	6.00 R	.	gG2	−0.016	−0.003	.	+ 10V	.	.		6
4007	10 11 36	+ 3 26	−58 50	−30	6.39	+1.66	M4	−0.050	+0.011	.		.	.		
4008	10 15 8	+ 6 54	+59 59	−30	6.25	+1.60	M0III	+0.015	−0.005	.	− 21	.	.		
4009	10 11 46	+ 3 29	−58 4	−30	5.69	−0.12	B2p	−0.024	−0.005	.		.	.		
4010	10 12 23	+ 3 48	−52 10	−30	6.15	+1.18	gK1	−0.046	+0.040	.		.	.		
4011	10 13 19	+ 4 36	−27 2	−30	6.24	+0.31	F0	−0.058	+0.033	.		.	.		
4012	10 14 30	+ 5 30	+21 10	−30	6.06 R	.	F5	−0.141	−0.088	.	+ 17	.	.		
4013	10 13 25	+ 4 25	−33 2	−30	6.37	+0.60	G1V	−0.364	+0.056	+.049	+ 41	.	.		
4014	10 15 6	+ 5 44	+31 28	−30	6.41 R	.	gG3	−0.036	−0.009	.	+ 15	.	.		
4015	10 13 46	+ 4 15	−40 21	−30	5.90	+1.22	gK1	−0.081	+0.012	.		9.0	4.9		
4016	10 18 1	+ 8 25	+73 4	−30	6.43 R	.	F0	−0.057	−0.083	.	+ 16V	.	.		6
4017	10 13 23	+ 3 52	−51 14	−30	5.27	+0.26	A5	−0.045	−0.031	.	+ 48	.	.		
4018	10 13 1	+ 3 23	−59 55	−30	6.09	−0.08	B5Vnne	−0.005	−0.007	.	− 2V?	.	.		
4019	10 13 57	+ 4 16	−40 19	−30	6.33 H	.	K0	−0.030	−0.006	.		7.2	13.0		
4020	10 13 28	+ 3 50	−51 46	−30	5.77	+0.14	A3	−0.051	−0.002	.		2.4	.3		
4021	10 17 50	+ 8 3	+71 4	−30	6.06 R	.	A m	−0.033	−0.052	+.022	+ 11	.9	16.8	3	D
4022	10 13 22	+ 3 16	−61 40	−30	6.38	−0.12	B3V	−0.016	−0.001	.	+ 11V	.	.		
4023	10 14 44	+ 4 12	−42 8	−30	3.84	+0.05	A2V	−0.152	+0.031	+.028	+ 8V	.	.		6
4024	10 16 15	+ 5 41	+29 19	−30	5.30 R	+0.01	A0V	−0.073	−0.030	.	+ 16	.	.		
4025	10 13 31	+ 2 50	−66 23	−30	5.15	+0.22	A m	−0.035	−0.002	+.007	− 15	.	.		
4026	10 18 2	+ 7 15	+65 6	−30	5.67 R	.	A3	−0.089	−0.009	.	− 6	.	.		
4027	10 16 28	+ 5 40	+28 41	−30	6.38 R	.	dG0	−0.054	−0.095	.	+ 30	.	.		
4028	10 16 16	+ 5 27	+17 44	−30	6.50BR	.	dF2	−0.004	−0.006	.012D	− 8	.2	1.1		2
4029	10 15 21	+ 4 23	−36 31	−30	6.18	+1.05	K0	−0.035	−0.010	.		.	.		
4030	10 16 32	+ 5 32	+23 30	−30	5.87 R	.	dG2	−0.203	+0.029	+.031	− 33	.	.		
4031	10 16 42	+ 5 34	+23 25	−30	3.43	+0.31	F0III	+0.019	−0.013	+.009	− 15V	.	.		G
4032	10 16 42	+ 5 35	+25 23	−30	5.84 R	.	gK2	−0.105	+0.024	.	+ 34	.	.		
4033	10 17 6	+ 6 2	+42 55	−30	3.45	+0.03	A2IV	−0.164	−0.045	−.010	+ 18	.	.		G
4034	10 16 9	+ 4 56	−11 12	−30	6.17 H	.	K0	−0.016	+0.004	.		.	.		
4035	10 16 41	+ 5 22	+13 44	−30	5.51 R	.	gM1	−0.022	−0.022	.	+ 3	.	.		
4036	10 15 32	+ 4 12	−43 7	−30	5.77 H	.	K2	+0.005	−0.070	.		.	.		
4037	10 13 45	+ 2 23	−70 2	−30	3.31	−0.08	B7IV	−0.028	+0.000	.	+ 4V	.	.		
4038	10 15 16	+ 3 42	−54 59	−30	6.16	−0.18	B3	−0.017	−0.007	.	+ 8	.	.		
4039	10 17 15	+ 5 30	+23 6	−30	5.82	+0.50	dF3	−0.408	−0.106	+.060	+ 38	5.6	7.8		D
4040	10 16 45	+ 4 44	−20 40	−30	6.57	+0.48	F5	−0.128	−0.042	.		3.8	1.5		
4041	10 18 11	+ 5 38	+27 25	−30	6.48 R	−0.03	A si	−0.056	+0.001	.	+ 7	.	.		
4042	10 17 38	+ 4 58	− 8 4	−30	5.24	+0.32	F1III	−0.159	+0.003	+.020	+ 15	.	.		
4043	10 16 3	+ 3 25	−59 54	−30	6.21	+0.21	A m?	−0.045	+0.009	.012D		.0	.3		
4044	10 18 59	+ 6 10	+46 46	−30	6.35 R	.	K1III	−0.021	−0.038	.	− 21	5.7	27.8		
4045	10 16 40	+ 3 54	−51 12	−30	6.29	+1.54	gM5	−0.033	−0.005	.		.	.		
4046	10 19 27	+ 6 13	+48 24	−30	5.98 R	.	K0	−0.096	−0.128	.	− 6	.	.		
4047	10 21 3	+ 7 37	+68 45	−30	5.76 R	.	F0	−0.051	−0.042	.	+ 4	.	.		
4048	10 19 1	+ 5 34	+24 43	−30	6.36 R	.	K0	−0.045	−0.013	.	+ 0	.	.		
4049	10 18 8	+ 4 35	−29 0	−30	5.62 H	.	B9	−0.018	+0.006	.	− 39V?	.	.		
4050	10 17 5	+ 3 20	−61 20	−30	3.44 H	.	K5Ib	−0.023	−0.001	+.018	+ 9	.	.		

BS = HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
4051		+54 1366	89389	14172	.	6501			10 13 48	+54 17	158 34	+51 34
4052		+54 1367	89414	14181	.	6505			10 14 3	+54 43	157 56	+51 23
4053		−36 6281	89442	14155	.				10 14 14	−36 18	271 48	+16 40
4054	40 LEO	+20 2466	89449	14170	2421.	6500		VAR?	10 14 18	+19 59	217 6	+54 29
4055		−11 2851	89455	14166	.		R3338		10 14 22	−12 2	255 2	+35 49
4056		−41 5765	89461	14153	.				10 14 13	−41 10	274 38	+12 39
4057	41 γ^1 LEO	+20 2467	89484	14177	2423.	6502	7724A		10 14 28	+20 21	216 31	+54 38
4058	41 γ^2 LEO	+20 2467	89485	14178	.	6503	7724B		10 14 28	+20 21	216 31	+54 38
4059		− 4 2840	89490	14171	.				10 14 30	− 4 37	248 26	+41 9
4060		− 8 2897	89565	14183	.				10 15 2	− 8 34	252 12	+38 28
4061		−55 3220	89569	14164	.				10 15 0	−55 37	282 46	+ 0 39
4062		+84 234	89571	14305	2425.	6545			10 15 9	+84 46	126 50	+31 45
4063		−54 3474	89682	14185	2427.	6506		VAR?	10 15 51	−54 32	282 17	+ 1 38
4064	23 SEX	+ 3 2352	89688	14204	.	6512		RS SEX	10 15 52	+ 2 48	241 0	+46 17
4065		−64 1248	89715	14184	.		I		10 15 59	−64 10	287 32	− 6 27
4066		−47 5790	89736	14197	.	6510			10 16 12	−47 12	278 20	+ 7 49
4067		+41 2076	89744	14225	2429.	6516			10 16 14	+41 44	178 23	+56 23
4068		−17 3129	89747	14209	.				10 16 19	−17 29	259 46	+32 1
4069	34 μ UMA	+42 2115	89758	14232	2430.	6517		VAR?	10 16 22	+42 0	177 54	+56 21
4070	42 LEO	+15 2192	89774	14224	.	6515		VAR?	10 16 28	+15 29	224 28	+53 12
4071		−22 2904	89816	14223	.				10 16 46	−23 12	263 58	+27 36
4072		+66 664	89822	14260	2433.	6528		VAR?	10 16 56	+66 4	143 33	+45 13
4073		−21 3045	89828	14227	.		7739		10 16 52	−22 1	263 10	+28 33
4074		−55 3286	89890	14220	.	6514	IA		10 17 11	−55 32	282 59	+ 0 54
4075	27 LMI	+34 2120	89904	14252	.	6525			10 17 21	+34 25	191 40	+57 31
4076		−19 2987	89911	14244	.				10 17 26	−19 22	261 24	+30 43
4077	43 LEO	+ 7 2289	89962	14255	.	6527			10 17 47	+ 7 3	236 21	+49 12
4078		+30 2005	89993	14266	.	6530			10 18 2	+30 7	199 41	+57 32
4079		+ 6 2301	89995	14263	2436.	6529			10 18 3	+ 6 12	237 28	+48 46
4080		−41 5809	89998	14248	2435.	6522		VAR?	10 18 2	−41 9	275 15	+13 4
4081	28 LMI	+34 2123	90040	14280	.	6534			10 18 24	+34 13	192 2	+57 44
4082	25 SEX	− 3 2911	90044	14268	.	6532			10 18 23	− 3 34	248 19	+42 35
4083		−29 8306	90071	14269	.				10 18 38	−29 39	268 33	+22 39
4084		+83 297	90089	14367	2438.	6568			10 18 55	+83 4	128 2	+33 7
4085		+ 3 2358	90125	14288	.	6539	7755		10 19 3	+ 2 52	241 39	+46 57
4086		−37 6509	90132	14281	2439.	6535			10 19 7	−37 30	273 21	+16 14
4087		−41 5833	90170	14285	.				10 19 24	−41 27	275 38	+12 57
4088	44 LEO	+ 9 2351	90254	14301	.	6543			10 19 59	+ 9 18	233 56	+50 55
4089		−66 1243	90264	14283	.	6536			10 20 0	−66 24	289 6	− 8 6
4090	30 LMI	+34 2128	90277	14315	.	6550			10 20 11	+34 18	191 51	+58 6
4091		−57 3127	90289	14294	.				10 20 11	−57 27	284 21	+ 0 30
4092		− 6 3146	90362	14321	.	6551			10 20 44	− 6 33	251 42	+40 54
4093		−41 5850	90393	14318	.				10 21 0	−41 58	276 11	+12 41
4094	42 μ HYA	−16 3052	90432	14326	2446.	6553			10 21 15	−16 20	259 59	+33 39
4095		−57 3164	90454	14319	.				10 21 22	−58 4	284 49	+ 0 57
4096		+42 2123	90470	14347	.	6562			10 21 33	+42 7	177 17	+57 16
4097		+20 2487	90472	14340	.	6558			10 21 34	+19 52	218 19	+56 3
4098		+49 1961	90508	14357	2449.	6565	B		10 21 54	+49 19	165 4	+54 54
4099		−42 6222	90518	14332	.				10 21 54	−42 14	276 28	+12 33
4100	31 β LMI	+37 2080	90537	14358	2450.	6566	7780		10 22 6	+37 13	186 17	+58 16

BS= HR	RA (2000)	$\Delta\alpha$ 100 YR	DEC (2000)	$\Delta\delta$ 100 YR	VISUAL MAG	B—V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
4051	10 20 14	+ 6 26	+53 47	−30	6.37 R	.	F8	−0.085	+0.038	.	− 21	.	.		
4052	10 20 31	+ 6 28	+54 13	−30	6.05 R	.	gK3	−0.037	−0.010	.	+ 9	.	.		
4053	10 18 38	+ 4 24	−36 48	−30	6.40 H	.	K0	−0.046	+0.003	.		.	.		
4054	10 19 44	+ 5 26	+19 29	−30	4.83	+0.44	F6IV	−0.233	−0.221	+.049	+ 7	.	.		
4055	10 19 17	+ 4 55	−12 32	−30	6.16 H	.	F0	−0.016	−0.023	.		2.0	.8		2
4056	10 18 29	+ 4 16	−41 40	−30	5.95	−0.06	A0	−0.030	+0.002	.		.	.		
4057	10 19 59	+ 5 31	+19 51	−30	2.61 H	.	K0III	+0.307	−0.152	+.019	− 37	1.5	4.4	4	*
4058	10 19 59	+ 5 31	+19 51	−30	3.80 H	.	G7III	+0.313	−0.174	.	− 36	1.5	4.4	4	*
4059	10 19 32	+ 5 2	− 5 7	−30	6.44 H	.	K0	−0.055	−0.064	.		.	.		
4060	10 20 0	+ 4 58	− 9 4	−30	6.34 H	.	F2	−0.068	−0.071	.		.	.		
4061	10 18 39	+ 3 39	−56 7	−30	5.80	+0.48	dF7	−0.253	+0.119	.		.	.		
4062	10 29 42	+ 14 33	+84 15	−31	5.62 R	.	A3	−0.129	−0.041	+.031	+ 3	.	.		G
4063	10 19 37	+ 3 46	−55 2	−30	4.56	+1.62	cK	−0.009	−0.013	−.015	+ 13	.	.		
4064	10 21 2	+ 5 10	+ 2 18	−30	6.53 H	.	B3	−0.007	−0.005	.	+ 5V	.	.		
4065	10 19 5	+ 3 6	−64 40	−30	5.66	+0.05	A0	−0.040	−0.001	.		.0	2.9		D
4066	10 20 17	+ 4 5	−47 42	−30	5.64	+1.68	K0	−0.016	−0.010	.	+ 16	.	.		
4067	10 22 11	+ 5 57	+41 14	−30	5.81 R	.	dF6	−0.122	−0.144	+.059	− 7	.	.		
4068	10 21 8	+ 4 49	−17 59	−30	6.50	+0.41	F5	−0.053	−0.031	.		.	.		
4069	10 22 19	+ 5 57	+41 30	−30	3.04 R	.	M0III	−0.082	+0.025	+.031	− 21V	.	.		R
4070	10 21 51	+ 5 23	+14 59	−30	6.08 R	+0.01	A1V	−0.035	−0.022	.	+ 9	.	.		
4071	10 21 28	+ 4 42	−23 42	−30	6.49	+0.20	A3	−0.050	+0.020	.		.	.		
4072	10 24 8	+ 7 12	+65 34	−30	4.93	−0.06	A p	−0.010	−0.023	+.040	− 0V	.	.		R
4073	10 21 36	+ 4 44	−22 31	−30	6.45 H	.	A0	−0.031	+0.002	.006D		1.7	2.8		2
4074	10 20 54	+ 3 43	−56 2	−30	4.50	−0.13	B3IV	−0.016	−0.004	.008D	+ 10	3.4	7.3		D
4075	10 23 6	+ 5 45	+33 55	−30	5.69 R	.	A3	−0.009	−0.018	.	− 16	.	.		
4076	10 22 13	+ 4 47	−19 52	−30	6.12	+0.02	A0	−0.032	−0.005	.		.	.		
4077	10 23 1	+ 5 14	+ 6 33	−30	6.15 R	.	gK3	−0.018	−0.105	.	− 24V	.	.		
4078	10 23 41	+ 5 39	+29 37	−30	6.31 R	.	K0	−0.005	−0.016	.	− 13	.	.		
4079	10 23 15	+ 5 12	+ 5 42	−30	6.44 R	.	F2	−0.240	−0.076	+.009	+ 30	.	.		
4080	10 22 19	+ 4 17	−41 39	−30	4.82	+1.12	K1III	−0.027	+0.054	+.017	+ 21	.	.		
4081	10 24 9	+ 5 45	+33 43	−30	5.56 R	.	gK1	−0.017	−0.011	.	− 22	.	.		
4082	10 23 26	+ 5 3	− 4 4	−30	6.10 H	−0.09	A p	−0.055	+0.001	.	+ 23	.	.		
4083	10 23 13	+ 4 35	−30 9	−30	6.26	+0.32	F0	+0.004	−0.016	.		.	.		
4084	10 31 5	+ 12 10	+82 33	−31	5.25	+0.38	F5IV	−0.082	+0.024	+.043	+ 7	.	.		
4085	10 24 13	+ 5 10	+ 2 22	−30	6.27 R	.	K0	+0.036	−0.026	.	− 14	.0	212.2	3	D
4086	10 23 30	+ 4 23	−38 0	−30	5.32	+0.26	A4	−0.158	−0.061	+.009	+ 17	.	.		
4087	10 23 41	+ 4 17	−41 57	−30	6.26	+0.89	K0	−0.133	+0.006	.	+ 22	.	.		
4088	10 25 15	+ 5 16	+ 8 47	−31	5.65 R	.	gM3	+0.010	−0.042	.	− 20	.	.		
4089	10 22 58	+ 2 58	−66 54	−30	4.98	−0.14	B8	−0.023	−0.003	.	+ 12V	.	.		R
4090	10 25 55	+ 5 44	+33 47	−31	4.73	+0.26	F0V	−0.068	−0.069	.	+ 13	.	.		
4091	10 23 51	+ 3 40	−57 57	−30	6.33	+1.52	cK	−0.001	−0.014	.		.	.		
4092	10 25 44	+ 5 0	− 7 3	−30	5.58	+1.53	M0III	−0.143	+0.118	.	+ 32	.	.		
4093	10 25 18	+ 4 18	−42 29	−31	6.33 H	.	gK0	−0.006	−0.038	.		.	.		
4094	10 26 5	+ 4 50	−16 51	−31	3.82	+1.49	K4III	−0.128	−0.081	+.013	+ 40	.	.		
4095	10 25 0	+ 3 38	−58 34	−30	5.94	+0.33	dF0	−0.076	+0.000	.		.	.		
4096	10 27 28	+ 5 55	+41 36	−31	5.89 R	.	A2	−0.054	−0.084	.	+ 7	.	.		
4097	10 27 0	+ 5 26	+19 21	−31	6.17 R	.	K0	−0.058	−0.015	.	+ 32	.	.		
4098	10 28 4	+ 6 10	+48 47	−32	6.44	+0.61	G1V	+0.081	−0.892	+.051	− 7	6.0	4.9		3
4099	10 26 10	+ 4 16	−42 45	−31	6.12	+1.13	K1III	−0.131	−0.056	.	+ 23	.	.		
4100	10 27 53	+ 5 47	+36 42	−31	4.27 R	.	G8III-IV	−0.120	−0.110	+.021	+ 6	2.5	.5		D

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
4101	45 LEO	+10 2152	90569	14361	.	6567	7781		10 22 22	+10 16	233 8	+51 56
4102		−73 733	90589	14323	2451.	6552		VAR?	10 22 25	−73 31	293 9	−14 0
4103		+45 1832	90602	14377	.	6570			10 22 35	+45 43	170 54	+56 22
4104	α ANT	−30 8465	90610	14352	2452.	6563		VAR?	10 22 35	−30 34	269 53	+22 23
4105		−73 735	90630	14328	.				10 22 44	−73 28	293 9	−13 57
4106	35 UMA	+66 671	90633	14394	.	6575			10 22 48	+66 8	142 55	+45 37
4107		−54 3651	90677	14353	.				10 22 58	−54 22	283 4	+ 2 19
4108		+64 789	90745	14404	.	6579			10 23 29	+64 45	144 21	+46 35
4109		− 3 2929	90763	14391	.				10 23 40	− 3 14	249 14	+43 45
4110		−57 3256	90772	14373	2455.	6569		VAR?	10 23 41	−57 8	284 35	+ 0 1
4111		−48 5655	90798	14387	.				10 23 56	−48 54	280 21	+ 7 4
4112	36 UMA	+56 1459	90839	14427	2459.	6587			10 24 14	+56 30	154 17	+51 42
4113	32 LMI	+39 2357	90840	14417	.	6583			10 24 16	+39 26	181 59	+58 21
4114		−58 2227	90853	14388	2460.	6572		VAR?	10 24 12	−58 14	285 13	+ 0 54
4115		−65 1354	90874	14383	.				10 24 16	−65 12	288 50	− 6 51
4116	29 δ SEX	− 2 3155	90882	14403	.	6578			10 24 24	− 2 14	248 25	+44 35
4117		−29 8381	90957	14416	.	6582			10 24 52	−29 9	269 27	+23 50
4118	δ ANT	−29 8383	90972	14421	.	6585	I	VAR?	10 24 59	−30 6	270 4	+23 4
4119	30 β SEX	+ 0 2663	90994	14431	.	6588			10 25 11	− 0 7	246 24	+46 10
4120		−63 1440	91056	14419	2463.	6584			10 25 33	−63 40	288 10	− 5 28
4121		+81 343	91075	14509	.	6611			10 25 45	+81 1	129 22	+34 52
4122		− 6 3173	91106	14442	.	6590	7808		10 25 58	− 7 7	253 28	+41 22
4123		−12 3181	91120	14444	.	6592			10 26 5	−13 5	258 34	+36 54
4124	33 LMI	+33 1999	91130	14455	.	6594	7813		10 26 11	+32 54	194 30	+59 23
4125		−25 8084	91135	14443	.				10 26 10	−25 58	267 44	+26 37
4126		+76 393	91190	14507	2464.	6610			10 26 36	+76 14	133 7	+38 35
4127	46 LEO	+14 2255	91232	14468	2465.	6599		VAR?	10 26 52	+14 39	227 40	+55 5
4128		−60 1944	91269		.				10 27 6	−60 51	286 52	− 2 57
4129		−66 1291	91272	14445	.	6593			10 27 3	−66 28	289 44	− 7 48
4130		−27 7503	91280	14465	.				10 27 10	−27 44	269 3	+25 17
4131		+54 1381	91311	14498	.	6606			10 27 27	+54 1	157 18	+53 26
4132		+41 2101	91312	14491	2466.	6605	7826		10 27 24	+40 56	178 56	+58 37
4133	47 ρ LEO	+10 2166	91316	14487	2467.	6602		VAR?	10 27 33	+ 9 49	234 53	+52 46
4134		−53 3909	91324	14464	2468.	6597	I		10 27 29	−53 12	283 3	+ 3 40
4135		−44 6583	91355	14478	.		IA		10 27 41	−44 33	278 38	+11 8
4136		−44 6582	91356	14477	.		IB		10 27 40	−44 33	278 37	+11 8
4137	34 LMI	+35 2154	91365	14501	.	6607			10 27 48	+35 30	189 22	+59 35
4138		−71 1034	91375	14457	2470.	6595			10 27 49	−71 29	292 25	−12 4
4139		−43 6347	91437	14493	.				10 28 16	−44 6	278 29	+11 34
4140		−61 1704	91465	14489	.	6603		VAR?	10 28 28	−61 10	287 11	− 3 9
4141	37 UMA	+57 1277	91480	14527	2472.	6614			10 28 43	+57 36	152 16	+51 34
4142		−72 981	91496	14480	.	6601	I	VAR?	10 28 42	−72 42	293 7	−13 4
4143		−46 6205	91504	14505	2473.	6609	I		10 28 44	−46 29	279 47	+ 9 34
4144		−58 2285	91533	14508	.				10 29 3	−58 9	285 44	+ 0 30
4145	44 HYA	−22 2946	91550	14524	2474.	6613	7834		10 29 15	−23 14	266 37	+29 16
4146	48 LEO	+ 7 2330	91612	14533	2476.	6616			10 29 35	+ 7 28	238 30	+51 50
4147		−57 3431	91619	14522	.	6612			10 29 38	−57 41	285 34	+ 0 3
4148	49 TX LEO	+ 9 2374	91636	14541	.	6618	7837	TX LEO	10 29 47	+ 9 10	236 17	+52 51
4149		−22 2952	91706	14546	.	6619			10 30 12	−22 40	266 27	+29 51
4150	35 LMI	+37 2100	91752	14567	.	6621			10 30 37	+36 51	186 34	+60 0

BS= HR	RA (2000)	$\Delta\alpha$ 100 YR	DEC (2000)	$\Delta\delta$ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
4101	10 27 39	+ 5 17	+ 9 45	−31	6.03	−0.06	A p	+0.006	−0.003	.	− 7V	5.0	38.6		
4102	10 24 24	+ 1 59	−74 2	−31	3.98	+0.36	F3IV-V	−0.016	−0.032	+.079	− 4	.	.		
4103	10 28 36	+ 6 1	+45 12	−31	6.31 R	.	K0	−0.025	−0.030	.	− 4	.	.		
4104	10 27 10	+ 4 35	−31 5	−31	4.24	+1.46	M0III	−0.077	+0.008	+.017	+ 13V	.	.		G
4105	10 24 44	+ 2 0	−73 58	−30	6.18	+0.07	A2	−0.026	+0.010	.		.	.		
4106	10 29 54	+ 7 6	+65 37	−31	6.26 R	.	gK2	−0.001	−0.035	.	− 25	.	.		
4107	10 26 49	+ 3 51	−54 53	−31	5.56	+1.56	K0	−0.010	−0.014	.		.	.		
4108	10 30 26	+ 6 57	+64 14	−31	5.96 R	.	A3	−0.055	−0.056	.	− 12	.	.		
4109	10 28 44	+ 5 4	− 3 45	−31	6.11 H	.	A0	+0.001	−0.030	.		.	.		
4110	10 27 25	+ 3 44	−57 39	−31	4.66	+0.50	F0Ia	−0.012	−0.007	−.017	− 1	.	.		G
4111	10 28 2	+ 4 6	−49 25	−31	6.08	+1.52	K2	+0.002	−0.041	.		.	.		
4112	10 30 38	+ 6 24	+55 59	−31	4.82	+0.51	F8V	−0.178	−0.037	+.080	+ 9	.	.		
4113	10 30 6	+ 5 50	+38 55	−31	5.87 R	+0.07	A4III	−0.016	−0.009	.	+ 3V?	.	.		
4114	10 27 52	+ 3 40	−58 45	−31	3.82	+0.32	F0II	−0.015	−0.011	+.005	+ 9	.	.		
4115	10 27 25	+ 3 9	−65 43	−31	6.00	+0.09	A0	−0.078	+0.015	.		.	.		
4116	10 29 29	+ 5 5	− 2 45	−31	5.24 H	−0.04	B9	−0.049	−0.017	.	+ 19	.	.		
4117	10 29 29	+ 4 37	−29 40	−31	5.80 H	.	gK5	−0.060	+0.010	.	− 5	.	.		
4118	10 29 35	+ 4 36	−30 37	−31	5.55	−0.04	B9	−0.035	−0.005	.002D	+ 19V	3.6	11.3		R
4119	10 30 18	+ 5 7	− 0 38	−31	5.04	−0.14	B6V	−0.040	−0.025	.	+ 12	.	.		
4120	10 28 53	+ 3 20	−64 11	−31	5.26	+1.86	cK	−0.010	−0.002	+.005	− 3	.	.		
4121	10 36 3	+ 10 19	+80 29	−32	6.47 R	.	gG4	−0.020	−0.009	.	− 11	.	.		
4122	10 30 58	+ 5 0	− 7 38	−31	6.40 H	.	K5III	−0.042	+0.002	.	+ 7V	3.5	2.9	3	*
4123	10 31 0	+ 4 55	−13 36	−31	5.51 H	−0.04	B9	−0.047	+0.005	.	+ 13V	.	.		6
4124	10 31 52	+ 5 41	+32 23	−31	5.85 R	+0.08	A0IV	+0.015	−0.002	.	− 12	6.0	43.3		1
4125	10 30 51	+ 4 41	−26 29	−31	6.50	+0.54	F5	−0.065	+0.009	.		.	.		
4126	10 35 5	+ 8 29	+75 43	−31	4.90 R	.	K0III	−0.033	−0.008	+.024	+ 17	.	.		
4127	10 32 12	+ 5 20	+14 8	−31	5.54 R	.	gM2	−0.041	+0.016	−.010	+ 34	.	.		
4128	10 30 40	+ 3 34	−61 22	−31	6.36 H	.	M1	+0.002	−0.019	.		.	.		
4129	10 30 9	+ 3 6	−66 59	−31	6.18	+0.01	B5	−0.019	−0.015	.	− 9V	.	.		
4130	10 31 49	+ 4 39	−28 15	−31	6.04	+0.51	dF5	−0.087	−0.021	.		.	.		
4131	10 33 43	+ 6 16	+53 30	−31	6.40 R	.	A0	−0.046	−0.032	.	+ 2	.	.		
4132	10 33 14	+ 5 50	+40 25	−31	4.77 R	.	A7IV	−0.136	−0.008	+.027	+ 14V?	6.8	24.6		*
4133	10 32 49	+ 5 16	+ 9 18	−31	3.85	−0.14	B1Ib	−0.007	−0.006	+.005	+ 42	.	.		
4134	10 31 22	+ 3 53	−53 43	−31	4.88	+0.50	dF7	−0.422	+0.197	+.043	+ 20	3.4	37.9		D
4135	10 31 57	+ 4 16	−45 4	−31	6.19 H	.	B8	−0.004	−0.009	.		.3	13.8		D
4136	10 31 56	+ 4 16	−45 4	−31	6.54 H	.	B8	−0.017	+0.000	.		.3	13.8		D
4137	10 33 31	+ 5 43	+34 59	−31	5.53 R	+0.02	A2V	−0.029	−0.014	.	+ 12	.	.		
4138	10 30 20	+ 2 31	−72 0	−31	4.73	+0.04	A2m	+0.022	−0.037	+.008	+ 8	.	.		
4139	10 32 33	+ 4 17	−44 37	−31	5.89	+0.92	K0	−0.016	−0.039	.		.	.		
4140	10 32 1	+ 3 33	−61 41	−31	3.58 H	.	B5Ve	−0.021	+0.000	.	+ 26	.	.		S
4141	10 35 9	+ 6 26	+57 5	−31	5.16	+0.34	F1V	+0.066	+0.033	+.023	− 12	.	.		G
4142	10 31 2	+ 2 20	−73 13	−31	4.92	+1.68	gK5	−0.011	−0.008	.	+ 11	6.6	32.1		
4143	10 32 57	+ 4 13	−47 0	−31	5.02	+1.04	K4III	−0.012	−0.012	+.005	+ 4	3.5	40.8		D
4144	10 32 48	+ 3 45	−58 40	−31	5.99	+0.30	A2I	−0.020	−0.010	.	+ 10	.	.		
4145	10 34 0	+ 4 45	−23 45	−31	5.07	+1.60	K4III	−0.011	+0.016	+.009	− 4	9.0	18.3		
4146	10 34 48	+ 5 13	+ 6 57	−31	5.08	+0.93	G8II-III	−0.106	+0.056	+.027	+ 5	.	.		
4147	10 33 25	+ 3 47	−58 12	−31	6.14	+0.35	B5Ia	−0.014	−0.013	.	+ 7	.	.		
4148	10 35 2	+ 5 15	+ 8 39	−31	5.63VR	.	A2	−0.056	−0.011	.005D	+ 17V	2.7	2.6		*
4149	10 34 58	+ 4 46	−23 11	−31	6.10	+0.50	dF5	−0.099	+0.030	.	+ 12V	.	.		
4150	10 36 21	+ 5 44	+36 20	−31	6.15 R	.	dF3	+0.036	−0.044	.	− 24	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
4151		−60 1983	91767	14540	.				10 30 34	−60 28	287 3	− 2 25
4152		−17 3187	91790	14561	.				10 30 48	−18 3	263 25	+33 41
4153	U ANT	−38 6579	91793	14552	.	6620		U ANT	10 30 46	−39 3	276 13	+16 8
4154		−43 6395	91805	14553	.		R3450		10 30 51	−43 9	278 24	+12 37
4155		− 9 3108	91858	14576	.				10 31 19	−10 4	257 21	+40 2
4156		−15 3087	91880	14578	.	6626	7847		10 31 24	−15 50	261 56	+35 33
4157		−26 8022	91881	14571	.	6625	7846	VAR?	10 31 21	−26 9	268 56	+27 7
4158		−11 2918	91889	14582	2483.	6627	B		10 31 34	−11 42	258 46	+38 49
4159		−56 3544	91942	14570	2484.	6624			10 31 45	−57 2	285 29	+ 0 39
4160		−10 3094	91992	14599	.				10 32 15	−11 14	258 33	+39 17
4161		−81 449	92029	14534	.		I		10 32 26	−81 24	298 1	−20 25
4162		−26 8033	92036	14603	2486.	6629			10 32 32	−26 54	269 38	+26 39
4163	U HYA	−12 3218	92055	14611	.	6632		U HYA	10 32 37	−12 52	259 57	+38 4
4164		−58 2371	92063	14594	2487.	6628		VAR?	10 32 36	−59 3	286 34	− 1 3
4165		+54 1387	92095	14625	.	6637			10 32 54	+54 11	156 20	+54 0
4166	37 LMI	+32 2061	92125	14624	2488.	6636			10 33 6	+32 30	195 17	+60 50
4167		−47 6042	92139	14614	2489.	6633	I		10 33 6	−47 42	281 4	+ 8 53
4168	38 LMI	+38 2166	92168	14634	2490.	6641			10 33 25	+38 26	183 15	+60 17
4169		−58 2411	92207	14622	.	6634			10 33 38	−58 13	286 17	+ 0 16
4170		−75 678	92209	14595	.				10 33 34	−75 47	295 2	−15 34
4171	ϕ HYA	−16 3100	92214	14631	2491.	6639			10 33 43	−16 21	262 52	+35 28
4172		−11 2925	92245	14636	.				10 33 56	−11 56	259 32	+39 0
4173		−56 3588	92287	14626	.	6638			10 34 9	−56 44	285 38	+ 1 4
4174	γ CHA	−77 622	92305	14604	2492.	6630			10 34 17	−78 5	296 17	−17 31
4175		−42 6390	92328	14640	.		F		10 34 27	−42 14	278 31	+13 45
4176		+69 583	92354	14682	2494.	6651			10 34 42	+68 58	138 57	+44 26
4177		−58 2460	92397	14647	2496.	6642	IA	VAR?	10 34 57	−58 40	286 39	+ 0 34
4178	38 UMA	+66 678	92424	14688	2497.	6654		VAR?	10 35 8	+66 14	141 34	+46 27
4179		−58 2474	92436	14654	.		I		10 35 11	−58 18	286 30	+ 0 14
4180		−54 3915	92449	14662	2498.	6645	IC		10 35 20	−55 5	284 59	+ 2 36
4181		+69 586	92523	14713	2500.	6660			10 35 55	+69 36	138 14	+44 2
4182	33 SEX	− 0 2364	92588	14694	2502.	6655			10 36 19	− 1 13	250 22	+47 25
4183		−35 6646	92589	14689	.		R3495		10 36 18	−35 13	275 9	+20 0
4184		+32 2066	92620	14708	.	6658			10 36 35	+32 13	195 51	+61 35
4185		−64 1403	92664	14685	.	6652			10 36 44	−64 35	289 41	− 5 40
4186		−73 758	92682	14679	.				10 36 55	−73 58	294 18	−13 52
4187	39 UMA	+57 1286	92728	14736	.				10 37 25	+57 43	150 58	+52 25
4188		−59 2450	92740	14707	.	6657		VAR?	10 37 28	−59 9	287 10	+ 0 50
4189	40 LMI	+27 1927	92769	14730	.	6665	7899		10 37 33	+26 51	207 7	+61 23
4190		−13 3197	92770	14724	.				10 37 35	−13 27	261 38	+38 21
4191		+46 1657	92787	14737	2505.	6670			10 37 40	+46 44	167 17	+58 23
4192	41 LMI	+23 2253	92825	14740	2506.	6671			10 37 59	+23 43	213 30	+60 50
4193	35 SEX	+ 5 2384	92841	14745	.	6674	7902A		10 38 10	+ 5 16	243 27	+52 9
4194		−32 7572	92845	14732	.	6666	R3510		10 38 5	−32 12	273 51	+22 47
4195		+68 617	92839	14761	.	6682		VY UMA	10 38 7	+67 56	139 36	+45 24
4196		−63 1589	92938	14733	.	6667			10 38 41	−63 57	289 34	− 5 0
4197		+20 2514	92941	14760	.	6680			10 38 52	+20 17	220 15	+60 0
4198		−58 2581	92964	14743	.	6672		VAR?	10 38 49	−58 42	287 7	+ 0 22
4199	θ CAR	−63 1599	93030	14755	.	6678			10 39 23	−63 52	289 36	− 4 54
4200		−59 2532	93070	14762	2510.	6683		VAR?	10 39 44	−60 3	287 51	− 1 30

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
4151	10 34 13	+ 3 39	−60 59	−31	6.23	+1.40	K2	+0.008	−0.012	.		.	.		
4152	10 35 39	+ 4 51	−18 34	−31	6.43 H	.	A0	+0.007	+0.004	.		.	.		
4153	10 35 13	+ 4 27	−39 34	−31	5.7 H	.	Nb	−0.031	−0.007	.	+ 37	.	.		
4154	10 35 11	+ 4 20	−43 40	−31	6.07	+0.94	G5	−0.034	+0.016	.		8.8	15.0		
4155	10 36 17	+ 4 58	−10 35	−31	6.55	+0.30	A5	+0.015	−0.038	.		.	.		
4156	10 36 17	+ 4 53	−16 21	−31	6.00	+1.66	gM1	−0.027	−0.005	.	+ 16	7.0	3.3		2
4157	10 36 4	+ 4 43	−26 40	−31	6.28	+0.48	F6V	+0.008	−0.069	.020D	− 21	1.3	1.3		D
4158	10 36 33	+ 4 59	−12 14	−32	5.71	+0.53	F8V	+0.254	−0.676	+.040	− 9	5.0	14.5		
4159	10 35 36	+ 3 51	−57 33	−31	4.44	+1.63	gK3	−0.019	−0.010	+.019	+ 10V?	.	.		
4160	10 37 12	+ 4 57	−11 45	−31	6.52 H	.	F0	−0.054	−0.037	.		.	.		
4161	10 31 52	− 0 34	−81 55	−31	7.06	−0.08	B8	−0.015	+0.003	.		2.2	41.9		
4162	10 37 14	+ 4 42	−27 25	−31	4.88	+1.62	gM2	−0.105	+0.010	+.005	+ 17	.	.		
4163	10 37 33	+ 4 56	−13 23	−31	4.8 H	.	$C7_3$	+0.031	−0.036	.	− 25	.	.		
4164	10 36 21	+ 3 45	−59 34	−31	5.07	+1.18	gK1	−0.055	−0.063	+.031	− 12	.	.		
4165	10 39 6	+ 6 12	+53 40	−31	5.52	+1.27	K3III	−0.096	−0.084	.	+ 45	.	.		
4166	10 38 44	+ 5 38	+31 59	−31	4.69 R	.	G2II	+0.003	−0.001	+.015	− 7	.	.		
4167	10 37 18	+ 4 12	−48 13	−31	3.83	+0.31	F2+A3	−0.152	−0.026	+.033	+ 19V	.5	.7		*
4168	10 39 8	+ 5 43	+37 55	−31	5.72 R	.	dF8	−0.219	−0.046	+.038	+ 7	.	.		6
4169	10 37 26	+ 3 48	−58 44	−31	5.46	+0.48	A0Ia	−0.029	−0.008	.	− 12V	.	.		6
4170	10 35 25	+ 1 51	−76 18	−31	6.29	+1.20	K0	−0.018	+0.006	.		.	.		
4171	10 38 35	+ 4 52	−16 52	−31	4.90	+0.93	K0III	−0.102	+0.022	+.008	+ 18V	.	.		R
4172	10 38 53	+ 4 57	−12 27	−31	6.03	+0.00	A0	−0.060	−0.003	.		.	.		
4173	10 38 2	+ 3 53	−57 15	−31	5.90	−0.15	B3III	−0.025	−0.008	.	+ 20V	.	.		6
4174	10 35 28	+ 1 11	−78 36	−31	4.10	+1.58	M0III	−0.039	+0.011	+.003	− 22	.	.		
4175	10 38 51	+ 4 24	−42 45	−31	6.11	+0.66	F5	−0.028	−0.024	.		.1	.1		
4176	10 41 48	+ 7 6	+68 27	−31	5.73 R	.	gK3	−0.029	−0.029	+.000	+ 5	.	.		
4177	10 38 46	+ 3 49	−59 11	−31	4.66	+1.48	cK	−0.009	−0.009	+.009	+ 11	3.0	15.2		D
4178	10 41 57	+ 6 49	+65 43	−31	5.01 R	.	K2III	−0.164	−0.075	+.029	− 11	.	.		6
4179	10 39 0	+ 3 49	−58 49	−31	5.84	+1.40	gM1	−0.083	+0.002	.		2.6	21.1		D
4180	10 39 19	+ 3 59	−55 36	−31	4.27	+1.03	G2II	−0.017	−0.010	+.015	+ 20	2.2	52.0	3	D
4181	10 43 4	+ 7 9	+69 5	−31	5.06 R	.	K3III	−0.002	−0.016	+.003	− 0	.	.		
4182	10 41 24	+ 5 5	− 1 45	−32	6.40 H	.	K1IV	−0.141	−0.124	+.020	+ 43	.	.		
4183	10 40 52	+ 4 34	−35 44	−31	6.36	+0.92	G5	−0.029	+0.014	.		4.0	.8		
4184	10 42 11	+ 5 36	+31 42	−31	6.16 R	.	gM5	+0.009	−0.028	.	+ 16	.	.		
4185	10 40 12	+ 3 28	−65 6	−31	5.51	−0.17	A0si	−0.020	−0.006	.	+ 30	.	.		
4186	10 39 17	+ 2 22	−74 29	−31	6.06	+1.71	K5	+0.009	−0.014	.		.	.		
4187	10 43 44	+ 6 19	+57 11	−32	5.78 R	−0.02	B9	+0.015	−0.058	.	− 20	.	.		
4188	10 41 17	+ 3 49	−59 40	−31	6.41	+0.04	WN7	−0.003	−0.011	.	+ 33	.	.		
4189	10 43 2	+ 5 29	+26 19	−32	5.43 R	+0.17	A5V	−0.105	−0.068	.	+ 16	7.0	15.3	4	D
4190	10 42 31	+ 4 56	−13 58	−31	6.44 H	.	K2	−0.023	−0.007	.		.	.		
4191	10 43 32	+ 5 52	+46 12	−32	5.17	+0.34	dF0	−0.276	−0.071	+.019	+ 4	2.8	287.		D
4192	10 43 25	+ 5 26	+23 12	−31	5.01 R	+0.04	A2V	−0.116	+0.004	+.013	+ 19	.	.		
4193	10 43 21	+ 5 11	+ 4 45	−31	6.34 H	.	K3III	+0.021	−0.034	.003D	− 6	1.1	7.0	3	*
4194	10 42 43	+ 4 38	−32 43	−31	5.63	+0.00	A0	−0.022	−0.004	.	+ 4	7.3	17.5		
4195	10 45 4	+ 6 57	+67 25	−31	5.89	+2.44	$C6_3$	+0.003	−0.003	.	− 5	.	.		
4196	10 42 14	+ 3 33	−64 28	−31	4.80	−0.14	B3V	−0.021	+0.008	.	+ 24	.	.		
4197	10 44 15	+ 5 23	+19 45	−32	5.99 R	.	A3	−0.114	−0.033	.	+ 8V	.	.		
4198	10 42 41	+ 3 52	−59 13	−31	5.38	+0.24	B3Ia	−0.005	−0.010	.	− 2	.	.		G
4199	10 42 57	+ 3 34	−64 23	−31	2.76	−0.22	O9.5V	−0.017	+0.007	.	+ 24V	.	.		G
4200	10 43 32	+ 3 48	−60 34	−31	4.56	+1.72	cK	−0.028	−0.003	+.012	+ 9V	.	.		6

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
4201	36 SEX	+ 3 2408	93102	14789	.	6689			10 40 0	+ 3 1	246 40	+51 1
4202	41 UMA	+58 1281	93132	14802	.	6694			10 40 7	+57 54	150 21	+52 34
4203	42 LMI	+31 2180	93152	14798	.	6691			10 40 18	+31 13	197 59	+62 22
4204		−63 1619	93163	14769	.	6685			10 40 15	−63 43	289 37	− 4 43
4205		−63 1623	93194	14778	.	6686			10 40 30	−63 26	289 30	− 4 27
4206		−79 548	93237	14758	.	6679			10 40 48	−79 16	297 11	−18 23
4207		+ 7 2356	93244	14805	.	6696			10 40 53	+ 6 54	242 4	+53 43
4208	51 LEO	+19 2371	93257	14813	.	6698			10 41 1	+19 25	222 15	+60 9
4209	52 LEO	+14 2294	93291	14814	.	6699			10 41 8	+14 43	230 32	+58 9
4210	η CAR	−59 2620	93308	14799	.	6693	I	η CAR	10 41 11	−59 10	287 36	+ 0 38
4211		−70 1183	93344	14792	.		IA		10 41 19	−70 20	292 49	−10 31
4212		−70 1185	93359	14796	.		IB		10 41 31	−70 20	292 50	−10 31
4213		−71 1118	93372	14797	.				10 41 41	−71 55	293 36	−11 54
4214		−16 3124	93397	14835	.				10 41 58	−16 46	265 9	+36 17
4215		+65 803	93427	14865	.				10 42 9	+65 40	141 23	+47 21
4216	μ VEL	−48 5913	93497	14842	.	6705	I		10 42 28	−48 54	283 1	+ 8 34
4217		−59 2671	93502	14830	.		R3548		10 42 26	−60 5	288 10	− 1 23
4218		−14 3186	93526	14855	.	6714	7930BC		10 42 42	−14 44	263 52	+38 3
4219		−63 1646	93540	14837	.	6703			10 42 39	−63 59	289 58	− 4 50
4220		−63 1649	93549	14844	.	6707	F		10 42 51	−63 44	289 52	− 4 36
4221		−56 3800	93563	14849	.	6710			10 42 55	−56 14	286 28	+ 2 5
4222		−63 1655	93607	14850	.	6711			10 43 13	−63 51	289 58	− 4 41
4223	43 LMI	+30 2072	93636	14879	2517.	6721			10 43 26	+29 57	200 47	+63 0
4224		− 1 2446	93655	14877	.	6720			10 43 35	− 1 26	252 33	+48 32
4225		−31 8536	93657	14873	.				10 43 33	−31 10	274 23	+24 16
4226		−56 3821	93662	14867	.				10 43 37	−56 56	286 52	+ 1 30
4227	53 LEO	+11 2283	93702	14889	2517.1	6723			10 44 0	+11 4	237 0	+56 49
4228		−59 2720	93737	14878	.				10 44 10	−59 23	288 2	+ 0 39
4229	40 SEX	− 3 2999	93742	14891	.	6724	7936		10 44 13	− 3 30	254 47	+47 6
4230	44 LMI	+28 1931	93765	14897	.	6725			10 44 24	+28 30	204 1	+63 6
4231	δ^1 CHA	−79 554	93779	14848	.	6709	I		10 44 19	−79 56	297 40	−18 54
4232	ν HYA	−15 3138	93813	14898	2521.	6726			10 44 41	−15 40	265 2	+37 33
4233		− 9 3147	93833	14900	.	6727			10 44 43	− 9 19	260 9	+42 42
4234	δ^2 CHA	−79 556	93845	14863	.	6716			10 44 51	−80 1	297 44	−18 58
4235	43 UMA	+57 1294	93859	14910	.	6731			10 45 1	+57 7	150 38	+53 35
4236	42 UMA	+60 1296	93875	14912	.	6732			10 45 7	+59 51	147 17	+51 45
4237	41 SEX	− 8 3018	93903	14906	.		7942		10 45 17	− 8 22	259 30	+43 32
4238		−33 7288	93905	14904	.				10 45 18	−33 32	276 0	+22 23
4239		−58 2755	93943	14902	.		I		10 45 27	−58 48	287 55	+ 0 3
4240		− 2 3236	94014	14919	.				10 46 0	− 2 34	254 22	+48 6
4241		+53 1439	94083	14936	.	6736			10 46 30	+53 6	155 50	+56 17
4242		+53 1440	94084	14937	.	6737			10 46 32	+53 2	155 55	+56 19
4243		+70 634	94132	14954	2528.	6742	B		10 46 40	+70 23	136 34	+44 1
4244		+ 1 2495	94180	14940	.	6739			10 47 5	+ 1 33	250 18	+51 17
4245		+ 0 2710	94237	14952	.	6741			10 47 29	+ 0 20	251 46	+50 29
4246	44 UMA	+55 1418	94247	14962	2531.	6746			10 47 31	+55 7	152 51	+55 8
4247	46 LMI	+34 2172	94264	14961	2532.	6745			10 47 43	+34 45	190 0	+63 43
4248	45 ω UMA	+43 2058	94334	14974	2533.	6753			10 48 13	+43 43	171 10	+61 21
4249		− 1 2459	94363	14969	.		7967		10 48 20	− 1 43	254 10	+49 7
4250		−56 3947	94367	14960	.	6744			10 48 25	−56 43	287 21	+ 1 59

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
4201	10 45 9	+ 5 9	+ 2 29	−32	6.43 R	.	gK4	−0.052	−0.027	.	+ 11	.	.		
4202	10 46 23	+ 6 16	+57 22	−32	6.32 R	.	M1III	−0.051	−0.069	.	− 2	.	.		
4203	10 45 52	+ 5 34	+30 41	−32	5.30 R	−0.05	B9V	−0.026	−0.041	.	+ 14V	.	.		
4204	10 43 51	+ 3 36	−64 14	−31	5.76	+0.00	B3?V	−0.009	−0.003	.	+ 8	.	.		
4205	10 44 7	+ 3 37	−63 57	−31	4.82	−0.14	B5Vn	−0.013	+0.003	.	+ 26	.	.		
4206	10 41 51	+ 1 3	−79 47	−31	5.96	−0.07	B5V	−0.014	+0.005	.	+ 0V	.	.		
4207	10 46 5	+ 5 12	+ 6 22	−32	6.17 R	.	gK1	−0.009	−0.039	.	− 9	.	.		
4208	10 46 24	+ 5 23	+18 53	−32	5.45 R	.	gK3	+0.094	−0.045	.	− 6	.	.		
4209	10 46 26	+ 5 18	+14 11	−32	5.47 R	.	gG4	−0.126	−0.071	.	+ 35	.	.		
4210	10 45 4	+ 3 53	−59 42	−32	−1. H	.	pec	−0.001	−0.001	.	− 25	3.1	1.1	6	*
4211	10 44 20	+ 3 1	−70 52	−32	6.25	+0.21	A4	−0.064	−0.015	.		.2	63.9	3	D
4212	10 44 32	+ 3 1	−70 52	−32	6.45	+0.24	A3	−0.049	−0.001	.		.2	63.9	3	D
4213	10 44 28	+ 2 47	−72 26	−31	6.26	+0.49	F8	−0.165	+0.030	.		.	.		
4214	10 46 52	+ 4 54	−17 18	−32	5.56 H	.	A3m	−0.022	−0.017	.		.	.		
4215	10 48 50	+ 6 41	+65 8	−32	6.19 R	−0.02	B9	+0.008	−0.003	.		.	.		
4216	10 46 46	+ 4 18	−49 26	−32	2.68	+0.90	G5III	+0.064	−0.056	.022D	+ 7	4.1	2.8		*
4217	10 46 16	+ 3 50	−60 37	−32	6.24	+0.04	A1	−0.057	−0.018	.		7.5	4.8		
4218	10 47 38	+ 4 56	−15 16	−32	6.46 H	.	A0	+0.000	−0.018	.012D	+ 22V	.3	6.9	3	6
4219	10 46 16	+ 3 37	−64 31	−32	5.34	−0.10	B7?V	−0.019	−0.015	.	+ 32	.	.		
4220	10 46 30	+ 3 39	−64 16	−32	5.23	−0.08	B8	−0.003	+0.002	.	+ 21	.1	.1		
4221	10 46 57	+ 4 2	−56 46	−32	5.25	−0.08	B8	−0.013	−0.012	.	+ 31	.	.		
4222	10 46 52	+ 3 39	−64 23	−32	4.84	−0.15	B3IV	−0.018	+0.002	.	+ 16	.	.		
4223	10 48 57	+ 5 31	+29 25	−32	6.16 R	.	sgK1	−0.085	−0.048	+.034	+ 10	.	.		
4224	10 48 41	+ 5 6	− 1 58	−32	6.19 H	.	gM2	−0.013	+0.005	.	+ 3	.	.		
4225	10 48 14	+ 4 41	−31 42	−32	5.87	+0.03	A1	−0.023	−0.019	.		.	.		
4226	10 47 38	+ 4 1	−57 28	−32	6.28 H	+1.60	K5	+0.013	−0.014	.		.	.		
4227	10 49 15	+ 5 15	+10 32	−32	5.28 R	+0.01	A2V	−0.006	−0.031	+.005	− 6V	.	.		
4228	10 48 5	+ 3 55	−59 55	−32	6.00	+0.26	A0Ia	−0.013	−0.006	.		.	.		
4229	10 49 17	+ 5 4	− 4 2	−32	6.91 H	.	A2	−0.051	−0.015	.011D	+ 14	.8	2.4		2
4230	10 49 54	+ 5 30	+27 58	−32	6.04 R	.	dA8	−0.005	+0.027	.	+ 3	.	.		
4231	10 45 16	+ 0 57	−80 28	−32	5.46	+0.95	gG8	−0.020	−0.038	.003D	+ 11	.3	.7		2
4232	10 49 37	+ 4 56	−16 11	−31	3.12	+1.25	K3III	+0.095	+0.199	+.022	− 1	.	.		
4233	10 49 43	+ 5 0	− 9 51	−32	5.84	+1.08	gG8	+0.006	−0.041	.	+ 40	.	.		
4234	10 45 47	+ 0 56	−80 33	−32	4.44	−0.19	B3V	−0.033	+0.000	.	+ 22	.	.		
4235	10 51 11	+ 6 10	+56 35	−32	5.61 R	.	gK1	−0.060	−0.002	.	+ 15	.	.		
4236	10 51 24	+ 6 17	+59 19	−32	5.52 R	.	gK2	−0.030	−0.057	.	− 17	.	.		6
4237	10 50 18	+ 5 1	− 8 54	−32	5.78 H	.	A2m	−0.007	−0.019	.		5.7	27.3		
4238	10 49 57	+ 4 39	−34 4	−32	5.60	+0.04	A0	−0.049	+0.009	.		.	.		
4239	10 49 24	+ 3 57	−59 20	−32	5.84	+0.00	A0	−0.039	−0.009	.010D		1.3	1.4		2
4240	10 51 5	+ 5 5	− 3 6	−32	6.18 H	.	K2	−0.048	−0.009	.		.	.		
4241	10 52 30	+ 6 0	+52 34	−32	6.62 R	.	gG8	−0.020	−0.030	.	− 8	.	.		
4242	10 52 32	+ 6 0	+52 30	−32	6.44	+1.11	K2III	−0.071	−0.059	.	− 3	.	.		6
4243	10 53 31	+ 6 51	+69 51	−32	6.47 R	+1.02	dG9	−0.394	−0.077	+.024	+ 15	7.5	25.4		
4244	10 52 13	+ 5 8	+ 1 1	−32	6.25 R	.	A2	−0.003	−0.001	.	− 9V?	.	.		
4245	10 52 36	+ 5 7	− 0 12	−32	6.38 R	.	K5	−0.010	−0.022	.	+ 9	.	.		
4246	10 53 34	+ 6 3	+54 35	−32	5.20 R	.	K3III	−0.068	−0.015	+.016	+ 1	.	.		
4247	10 53 18	+ 5 35	+34 13	−32	3.81 R	+1.05	K0III-IV	+0.090	−0.286	+.017	+ 16	.	.		
4248	10 53 58	+ 5 45	+43 11	−32	4.75 R	.	A1V	+0.046	−0.030	+.010	− 17V	.	.		R
4249	10 53 25	+ 5 5	− 2 15	−32	6.23 H	.	K0III	−0.139	−0.086	.		4.0	35.7		D
4250	10 52 31	+ 4 6	−57 15	−32	5.25	+0.15	A0Ia	−0.004	−0.006	.	− 23	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
4251		−19 3125	94388	14971	2536.	6752	I	VAR?	10 48 36	−19 36	268 41	+34 47
4252		−14 3213	94386	14972	.				10 48 36	−14 55	265 30	+38 42
4253		− 1 2460	94402	14975	.	6754			10 48 38	− 1 36	254 8	+49 15
4254	48 LMI	+26 2147	94480	14999	.	6759			10 49 16	+26 1	209 51	+63 50
4255		−12 3293	94481	14994	.	6757			10 49 20	−13 14	264 27	+40 12
4256		+34 2178	94497	15006	.	6761			10 49 25	+34 34	190 18	+64 5
4257		−58 2834	94510	14980	2541.	6756		VAR?	10 49 26	−58 19	288 11	+ 0 36
4258	46 UMA	+34 2181	94600	15018	.	6765			10 50 12	+34 2	191 29	+64 19
4259	54 LEO	+25 2314	94601	15016	.	6763	7979A		10 50 12	+25 17	211 35	+63 54
4260	54 LEO	+25 2314	94602	15017	.	6764	7979B		10 50 12	+25 17	211 35	+63 54
4261		−19 3134	94619	15015	.				10 50 19	−20 8	269 26	+34 32
4262		−70 1246	94650	15002	.		I		10 50 25	−70 11	293 27	−10 2
4263		−41 6220	94660	15014	.				10 50 29	−41 43	280 59	+15 37
4264		+42 2162	94669	15030	2545.	6770			10 50 32	+42 33	173 4	+62 12
4265	55 LEO	+ 1 2501	94672	15022	2546.	6767	7982		10 50 34	+ 1 16	251 37	+51 41
4266		−61 1960	94683	15011	.		R3613		10 50 34	−61 18	289 35	− 2 1
4267	56 LEO	+ 6 2369	94705	15032	2547.	6772		VY LEO	10 50 50	+ 6 43	245 2	+55 30
4268		−78 589	94717	14988	.				10 50 50	−79 2	297 31	−17 58
4269		+23 2279	94720	15035	.	6775			10 50 54	+22 53	216 55	+63 28
4270	50 LMI	+26 2152	94747	15039	.	6777			10 51 9	+26 2	209 59	+64 15
4271	T CAR	−59 2840	94776	15026	.	6769		T CAR	10 51 18	−59 59	289 7	+ 0 48
4272		+78 367	94860	15077	.	6787			10 51 58	+78 18	130 8	+37 45
4273	ι ANT	−36 6808	94890	15047	2554.	6782			10 52 3	−36 36	278 51	+20 19
4274		−50 5534	94985	15057	.				10 52 47	−50 14	285 8	+ 8 7
4275		+52 1528	95057	15082	.	6789		VAR?	10 53 24	+52 26	155 37	+57 31
4276	U CAR	−59 2888	95109	15071	.			U CAR	10 53 44	−59 12	289 3	+ 0 3
4277	47 UMA	+41 2147	95128	15087	2556.	6790			10 53 52	+40 58	175 46	+63 22
4278		+36 2139	95129	15089	2557.	6791			10 53 58	+36 38	185 14	+64 39
4279		−74 755	95208	15072	.				10 54 25	−74 34	295 40	−13 52
4280		+46 1680	95212	15109	.	6796			10 54 30	+46 4	165 45	+61 16
4281		+12 2284	95216	15102	.	6794			10 54 28	+12 14	237 56	+59 35
4282		−33 7401	95221	15094	.		I	VAR?	10 54 30	−33 12	277 40	+23 34
4283		+52 1529	95233	15112	.	6798			10 54 33	+52 2	156 0	+57 54
4284		−15 3174	95234	15101	.	6793			10 54 34	−15 49	267 40	+38 44
4285		+43 2068	95241	15113	2560.	6799	B		10 54 41	+43 27	170 38	+62 31
4286		+64 824	95256	15122	.	6802			10 54 47	+63 58	141 32	+49 31
4287	7 α CRT	−17 3273	95272	15106	2562.	6795			10 54 54	−17 46	269 3	+37 7
4288	49 UMA	+39 2400	95310	15128	.	6804			10 55 14	+39 45	178 9	+64 2
4289		−13 3271	95314	15116	.	6800			10 55 13	−13 33	266 15	+40 44
4290		−60 2433	95324	15104	.		I		10 55 12	−60 47	289 53	− 1 19
4291	58 LEO	+ 4 2407	95345	15125	2564.	6803			10 55 24	+ 4 9	249 40	+54 35
4292		−43 6692	95347	15117	.				10 55 27	−43 16	282 32	+14 37
4293		−41 6276	95370	15118	2566.	6801			10 55 34	−41 41	281 51	+16 3
4294	59 LEO	+ 6 2384	95382	15130	2565.	6806	8019		10 55 34	+ 6 38	246 32	+56 19
4295	48 β UMA	+57 1302	95418	15145	2567.	6809		VAR?	10 55 49	+56 55	149 11	+54 48
4296		−51 5220	95429	15121	.		R3654		10 55 47	−51 17	286 1	+ 7 22
4297		−15 3178	95441	15136	.				10 55 59	−15 15	267 39	+39 24
4298		−31 8696	95456	15131	.				10 55 56	−31 18	277 1	+25 24
4299	61 LEO	− 1 2471	95578	15151	2571.	6812			10 56 44	− 1 57	256 51	+50 19
4300	60 LEO	+20 2547	95608	15162	2572.	6814			10 57 0	+20 43	222 36	+64 7

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
4251	10 53 30	+ 4 54	−20 8	−32	5.23	+0.48	F6V	+0.078	−0.244	+.046	− 5	4.0	134.9	3	
4252	10 53 33	+ 4 57	−15 27	−32	6.36	+1.19	K0	+0.064	−0.047	.		.	.		
4253	10 53 43	+ 5 5	− 2 8	−32	5.72 H	.	gG6	−0.085	+0.010	.	+ 15	.	.		G
4254	10 54 42	+ 5 26	+25 29	−32	6.09 R	.	A m	−0.054	−0.002	.	+ 10	.	.		
4255	10 54 18	+ 4 58	−13 46	−32	5.65	+0.84	gG4	+0.000	+0.009	.	+ 5	.	.		
4256	10 54 58	+ 5 33	+34 2	−32	5.72 R	.	gG7	−0.059	−0.056	.	− 28	.	.		
4257	10 53 30	+ 4 4	−58 51	−32	3.78	+0.94	K0III-IV	+0.070	+0.020	+.050	+ 9	.	.		
4258	10 55 44	+ 5 32	+33 30	−32	5.07 R	.	K1III	−0.108	−0.034	.	− 22	.	.		
4259	10 55 37	+ 5 25	+24 45	−32	4.51 H	.	A1V	−0.072	−0.018	.015D	+ 4	2.0	6.8		D
4260	10 55 37	+ 5 25	+24 45	−32	6.30 H	.	A1n	−0.073	−0.032	.015D	− 2V?	2.0	6.8		*
4261	10 55 12	+ 4 53	−20 40	−32	6.55 H	.	K0	−0.021	−0.017	.		.	.		
4262	10 53 42	+ 3 17	−70 43	−32	5.98	−0.02	B8	−0.023	−0.013	.004D		.6	1.9		2
4263	10 55 1	+ 4 32	−42 15	−32	6.10	−0.08	A0si	−0.041	−0.007	.	+ 22V	.	.		
4264	10 56 14	+ 5 42	+42 1	−32	6.03	+1.13	K2III	+0.013	−0.098	+.016	− 54	.	.		
4265	10 55 43	+ 5 9	+ 0 44	−32	6.01 R	.	dF3	+0.105	−0.004	+.015	− 2V?	4.5	1.0		*
4266	10 54 30	+ 3 56	−61 50	−32	5.92	+1.76	K5	+0.007	−0.014	.		5.0	7.2		
4267	10 56 2	+ 5 12	+ 6 11	−32	5.89VR	.	M5III	−0.022	−0.013	−.006	− 13	.	.		
4268	10 52 29	+ 1 39	−79 34	−32	6.32	+1.46	K2	−0.025	−0.003	.		.	.		
4269	10 56 17	+ 5 23	+22 21	−32	6.08 R	.	K2	−0.026	+0.003	.	+ 25	.	.		
4270	10 56 35	+ 5 26	+25 30	−32	6.22 R	.	K0	−0.024	−0.020	.	+ 30	.	.		
4271	10 55 18	+ 4 0	−60 31	−32	5.91	+1.08	gK0	−0.031	+0.075	.	− 26	.	.		
4272	10 59 57	+ 7 59	+77 46	−32	6.15 R	.	gG7	−0.073	−0.030	.	− 50	.	.		
4273	10 56 43	+ 4 40	−37 8	−32	4.59	+1.02	G5III	+0.082	−0.136	+.017	− 0	.	.		
4274	10 57 8	+ 4 21	−50 46	−32	5.90	+0.18	A3	−0.043	−0.012	.		.	.		
4275	10 59 18	+ 5 54	+51 54	−32	6.15 R	.	K0	−0.010	−0.004	.	− 7	.	.		
4276	10 57 49	+ 4 5	−59 44	−32	6.10	+1.40	G0	+0.011	+0.006	.		.	.		
4277	10 59 28	+ 5 36	+40 26	−32	5.06	+0.61	G0V	−0.318	+0.052	+.073	+ 13	.	.		
4278	10 59 33	+ 5 35	+36 6	−32	5.90 R	.	M2III	+0.071	−0.056	+.016	− 26	.	.		
4279	10 57 16	+ 2 51	−75 6	−32	6.12	+1.53	K2	−0.014	−0.003	.		.	.		
4280	11 0 14	+ 5 44	+45 32	−32	5.50 R	.	gK5	+0.006	+0.000	.	+ 9	.	.		
4281	10 59 41	+ 5 13	+11 42	−32	6.40 R	.	F5	−0.232	+0.035	.	+ 20	.	.		
4282	10 59 13	+ 4 43	−33 44	−32	5.70	+0.38	dA8	+0.013	−0.049	.		3.8	2.0		2
4283	11 0 26	+ 5 53	+51 30	−32	6.38 R	.	G9III	−0.029	−0.022	.	+ 0	.	.		
4284	10 59 31	+ 4 57	−16 21	−32	6.16 H	.	gM2	−0.048	−0.020	.	− 33	.	.		
4285	11 0 21	+ 5 40	+42 55	−32	6.03 R	.	dG0	−0.109	−0.139	+.020	− 6	5.6	37.2		
4286	11 1 6	+ 6 19	+63 26	−32	6.28 R	.	A0	−0.041	−0.052	.	+ 11	.	.		
4287	10 59 46	+ 4 52	−18 18	−32	4.08	+1.10	K0III	−0.461	+0.123	+.024	+ 47	.	.		G
4288	11 0 50	+ 5 36	+39 13	−32	5.07	+0.25	F0m	−0.073	−0.026	.	+ 3	.	.		
4289	11 0 11	+ 4 58	−14 5	−32	6.10 H	.	gK5	−0.022	−0.027	.	− 6	.	.		
4290	10 59 14	+ 4 2	−61 19	−32	6.14	−0.06	B9	−0.026	+0.009	.		3.8	4.5		7
4291	11 0 34	+ 5 10	+ 3 37	−32	4.93 R	.	K1III	+0.013	−0.019	+.002	+ 6	.	.		
4292	11 0 0	+ 4 33	−43 48	−32	5.80	−0.08	B9	−0.063	+0.004	.		.	.		
4293	11 0 9	+ 4 35	−42 13	−32	4.38	+0.11	A2IV	+0.018	+0.000	−.003	− 5	.	.		
4294	11 0 45	+ 5 11	+ 6 6	−32	5.55 R	.	A2	−0.049	−0.030	+.028	− 12	7.5	46.8		1
4295	11 1 51	+ 6 2	+56 23	−32	2.36	−0.02	A1V	+0.082	+0.029	+.042	− 12V	.	.		G
4296	11 0 9	+ 4 22	−51 49	−32	6.14	+0.18	dA6	−0.042	−0.003	.		8.2	10.8		
4297	11 0 57	+ 4 58	−15 47	−32	6.54 H	.	K0	+0.053	−0.044	.		.	.		
4298	11 0 41	+ 4 45	−31 50	−32	6.06	+0.52	G0V	−0.083	+0.099	.	− 2	.	.		
4299	11 1 50	+ 5 6	− 2 29	−32	4.73	+1.62	K5III	+0.015	−0.037	+.025	− 14V	.	.		G
4300	11 2 20	+ 5 20	+20 11	−32	4.40 R	+0.07	A m	−0.010	+0.030	+.011	− 10	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
4301	50 α UMA	+62 1161	95689	15185	2575.	6819	8035	VAR?	10 57 34	+62 17	142 51	+51 0
4302		−26 8302	95698	15171	.		8028		10 57 34	−26 17	274 45	+30 1
4303		+ 0 2728	95771	15186	.				10 58 8	− 0 13	255 30	+51 52
4304		−80 509	95788	15143	.		I		10 58 5	−81 1	298 44	−19 36
4305		−10 3184	95808	15188	.	6820	8037		10 58 15	−10 46	265 1	+43 28
4306	62 LEO	+ 0 2729	95849	15195	.	6821			10 58 29	+ 0 32	254 48	+52 29
4307		−31 8726	95857	15192	.				10 58 30	−31 25	277 37	+25 33
4308		−12 3333	95870	15201	.				10 58 37	−12 54	266 42	+41 44
4309	51 UMA	+39 2414	95934	15215	.	6823	8046		10 58 58	+38 47	179 44	+65 1
4310	63 χ LEO	+ 8 2455	96097	15235	2581.	6827	B	VAR?	10 59 52	+ 7 53	246 7	+57 57
4311		−47 6466	96113	15230	.	6826			11 0 1	−47 8	284 56	+11 26
4312	η OCT	−83 386	96124	15164	.				11 0 1	−84 3	300 11	−22 19
4313		−35 6954	96146	15238	.	6828			11 0 11	−35 16	279 48	+22 14
4314	χ^1 HYA	−26 8338	96202	15248	2583.	6830	I		11 0 31	−26 45	275 41	+29 55
4315		−10 3190	96220	15256	.				11 0 33	−10 32	265 30	+43 58
4316		−48 6157	96224	15243	.				11 0 35	−48 51	285 43	+ 9 54
4317	χ^2 HYA	−26 8342	96314	15260	.	6834			11 1 6	−26 45	275 49	+29 58
4318		−50 5686	96407	15265	.				11 1 38	−50 40	286 37	+ 8 18
4319	65 LEO	+ 2 2387	96436	15282	2584.	6837	8060		11 1 48	+ 2 30	253 38	+54 30
4320		−28 8657	96441	15278	.				11 1 49	−28 11	276 43	+28 46
4321		−50 5693	96484	15277	.				11 2 0	−50 25	286 34	+ 8 33
4322	64 LEO	+24 2318	96528	15302	.	6846			11 2 19	+23 52	216 21	+66 16
4323		−58 3112	96544	15283	.		I		11 2 14	−58 8	289 38	+ 1 28
4324		−31 8776	96557	15296	.				11 2 22	−32 3	278 44	+25 20
4325		−61 2067	96566	15288	2589.	6839			11 2 26	−61 53	291 7	− 1 59
4326		−64 1630	96568	15285	.				11 2 23	−64 18	292 3	− 4 12
4327		−41 6343	96616	15300	2590.	6845	I		11 2 39	−42 6	283 17	+16 13
4328		−29 8875	96700	15311	2591.	6848			11 3 9	−29 38	277 44	+27 35
4329		−70 1305	96706	15305	.				11 3 13	−70 20	294 30	− 9 44
4330		+68 632	96707	15332	.	6857			11 3 19	+67 45	137 4	+47 1
4331		−29 8877	96723	15314	.				11 3 26	−29 26	277 42	+27 48
4332	67 LEO	+25 2344	96738	15319	.	6851	8071		11 3 27	+25 12	213 14	+66 49
4333		+37 2162	96813	15334	.	6858			11 3 49	+36 51	183 34	+66 30
4334		−27 7886	96819	15325	2594.	6853		VAR?	11 3 54	−27 32	276 51	+29 33
4335	52 ψ UMA	+45 1897	96833	15340	.	6861			11 4 3	+45 2	165 49	+63 14
4336		+43 2083	96834	15339	.	6860			11 4 3	+43 45	168 18	+63 53
4337		−58 3189	96918	15329	2595.	6855			11 4 19	−58 26	290 0	+ 1 18
4338		−61 2075	96919	15331	2596.	6856			11 4 24	−61 24	291 9	− 1 27
4339		−31 8816	97023	15350	.			VAR?	11 5 5	−31 49	279 12	+25 48
4340		+69 602	97138	15378	.	6875			11 5 48	+68 49	135 56	+46 16
4341		+15 2301	97244	15380	.	6876			11 6 29	+14 56	236 38	+63 31
4342		−57 4387	97271	15374	.	6870			11 6 36	−57 55	290 5	+ 1 53
4343	11 β CRT	−22 3095	97277	15385	2605.	6877			11 6 44	−22 17	274 46	+34 32
4344		+55 1446	97302	15399	.	6879			11 6 55	+55 26	149 3	+56 56
4345		+36 2162	97334	15397	.	6878			11 7 6	+36 21	184 21	+67 16
4346		−31 8847	97393	15398	.				11 7 26	−31 53	279 44	+25 57
4347		−17 3321	97411	15405	.		8086		11 7 33	−17 57	272 29	+38 28
4348		−20 3374	97428	15407	.				11 7 39	−21 12	274 24	+35 36
4349		−70 1336	97472	15393	.				11 7 48	−70 53	295 5	−10 5
4350		−48 6263	97495	15411	.	6881			11 8 0	−48 33	286 45	+10 39

BS= HR	RA (2000)	$\Delta\alpha$ 100 YR	DEC (2000)	$\Delta\delta$ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
4301	11 3 44	+ 6 10	+61 45	−32	1.79	+1.06	K0II-III	−0.119	−0.070	+.031	− 9V	9.1	.9		D
4302	11 2 25	+ 4 51	−26 49	−32	6.22	+0.31	F0	+0.064	−0.127	.		.4	.1		
4303	11 3 15	+ 5 7	− 0 45	−32	6.13 H	.	A3	−0.015	−0.115	.		.	.		
4304	10 59 16	+ 1 11	−81 33	−32	6.70	+0.55	F5	−0.142	+0.067	.010D		.1	.8		2
4305	11 3 15	+ 5 0	−11 18	−32	5.62 H	.	gG6	−0.074	−0.113	.	− 8	5.0	3.7		3
4306	11 3 36	+ 5 7	− 0 0	−32	6.00 R	.	gK3	−0.058	−0.003	.	− 8	.	.		
4307	11 3 16	+ 4 46	−31 57	−32	6.52 H	.	M1	−0.033	−0.032	.		.	.		
4308	11 3 36	+ 4 59	−13 26	−32	6.37 H	.	G5	+0.000	+0.005	.		.	.		
4309	11 4 31	+ 5 33	+38 15	−32	5.98 R	+0.16	A3V	−0.074	−0.003	.	+ 7	6.5	8.4		3
4310	11 5 1	+ 5 9	+ 7 21	−32	4.63	+0.34	F2III-IV	−0.340	−0.050	+.014	+ 5	6.0	3.4		2
4311	11 4 31	+ 4 30	−47 40	−32	5.66	+0.25	A5	−0.117	+0.036	.	− 16	.	.		
4312	10 59 14	− 0 47	−84 35	−32	6.18	+0.11	A0	−0.061	−0.012	.		.	.		
4313	11 4 54	+ 4 43	−35 48	−32	5.53 H	.	A0	−0.029	+0.000	.	+ 11	.	.		
4314	11 5 20	+ 4 49	−27 17	−32	4.93	+0.37	F4V	−0.194	−0.007	+.033	+ 17	.2	.2		D
4315	11 5 34	+ 5 1	−11 5	−33	6.08	+0.30	A3	+0.015	−0.096	.		.	.		
4316	11 5 4	+ 4 29	−49 23	−32	6.12	−0.02	A0	−0.027	−0.003	.		.	.		
4317	11 5 57	+ 4 51	−27 17	−32	5.69 H	−0.06	B9	+0.033	−0.021	.	+ 53V	.	.		6
4318	11 6 5	+ 4 27	−51 13	−33	6.29	+0.94	gG8	+0.000	−0.072	.		.	.		
4319	11 6 54	+ 5 6	+ 1 57	−33	5.55 R	.	sgG7	−0.384	−0.088	+.035	+ 55	6.0	2.3		2
4320	11 6 38	+ 4 49	−28 43	−32	6.53 H	.	A0	−0.058	−0.039	.		.	.		
4321	11 6 27	+ 4 27	−50 57	−32	6.31	+1.16	K2	−0.072	−0.001	.		.	.		
4322	11 7 40	+ 5 21	+23 20	−32	6.30 R	+0.17	A m	−0.012	+0.002	.	− 2V	.	.		R
4323	11 6 29	+ 4 15	−58 40	−32	6.07 H	+1.20	gG8	−0.010	−0.010	.		5.5	12.	3	
4324	11 7 8	+ 4 46	−32 36	−33	6.58	+0.35	F2IV	−0.084	−0.058	.	− 2	.	.		
4325	11 6 32	+ 4 6	−62 25	−32	4.60	+1.03	sgG5	−0.038	+0.003	+.048	− 2	.	.		
4326	11 6 22	+ 3 59	−64 50	−32	6.40	+0.12	A2	−0.043	−0.002	.		.	.		
4327	11 7 16	+ 4 37	−42 38	−32	5.14	+0.03	A p	−0.100	+0.037	−.006	+ 2	3.1	2.2		2
4328	11 7 54	+ 4 45	−30 11	−33	6.53	+0.60	G2V	−0.515	−0.146	+.042	+ 11	.	.		
4329	11 6 50	+ 3 37	−70 52	−32	5.56	−0.06	B3III	−0.013	−0.012	.	+ 7	.	.		
4330	11 9 39	+ 6 20	+67 12	−33	6.04 R	.	A5	−0.085	−0.028	.	+ 5	.	.		
4331	11 8 16	+ 4 50	−29 59	−33	6.48	+0.03	A0	+0.005	−0.027	.		.	.		
4332	11 8 49	+ 5 22	+24 40	−32	5.64 R	+0.06	A3III	+0.005	−0.001	.	− 6	8.5	4.8		
4333	11 9 19	+ 5 30	+36 18	−33	5.74 R	.	gM3.5	−0.046	−0.030	.	+ 22	.	.		
4334	11 8 44	+ 4 50	−28 5	−33	5.43	+0.07	A2	−0.081	−0.023	+.005	+ 16V?	.	.		
4335	11 9 40	+ 5 37	+44 29	−33	3.01	+1.13	K1III	−0.063	−0.035	.	− 4	.	.		
4336	11 9 39	+ 5 36	+43 12	−33	5.86 R	.	M2III	−0.065	−0.018	.	+ 18	.	.		
4337	11 8 35	+ 4 16	−58 59	−33	3.90	+1.25	G0Ia-0	−0.007	−0.011	−.009	+ 7V	.	.		6
4338	11 8 34	+ 4 10	−61 56	−32	5.15	+0.22	B9Ia	−0.021	+0.001	+.003	− 22	.	.		
4339	11 9 53	+ 4 48	−32 22	−33	5.80	+0.03	A1	+0.020	−0.035	.		.	.		
4340	11 12 11	+ 6 23	+68 16	−33	6.32 R	.	A2	+0.029	+0.007	.	− 18	.	.		
4341	11 11 44	+ 5 15	+14 23	−33	6.24 R	.	A5	−0.067	−0.016	.	+ 6	.	.		
4342	11 10 55	+ 4 19	−58 28	−33	6.87	−0.09	B8	−0.032	−0.007	.	+ 17	.	.		
4343	11 11 39	+ 4 55	−22 50	−33	4.46	+0.02	A2IV	+0.000	−0.104	+.045	+ 6V	.	.		
4344	11 12 44	+ 5 49	+54 53	−33	6.56 R	.	A2	+0.000	−0.008	.	− 6V	.	.		
4345	11 12 32	+ 5 26	+35 48	−33	6.24 R	.	G0V	−0.272	−0.177	.	− 3	.	.		
4346	11 12 15	+ 4 49	−32 26	−33	6.45	+1.74	M1	+0.022	+0.002	.		.	.		
4347	11 12 31	+ 4 58	−18 30	−33	6.12	−0.01	A0	−0.020	−0.034	.		.6	.6		D
4348	11 12 35	+ 4 56	−21 45	−33	6.52 H	.	K0	−0.013	+0.006	.		.	.		
4349	11 11 30	+ 3 42	−71 26	−33	6.34	+1.37	K0	−0.009	−0.005	.		.	.		
4350	11 12 33	+ 4 33	−49 6	−33	5.35	+0.18	A3m	−0.117	+0.033	.	− 28V	.	.		6

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
4351		+41 2170	97501	15425	.	6886	8093		11 8 8	+41 38	171 50	+65 33
4352		−59 3190	97534	15415	2610.	6883	I		11 8 19	−59 46	290 59	+ 0 15
4353		−49 5937	97550	15420	.				11 8 23	−49 11	287 3	+10 5
4354		−43 6872	97576	15426	.				11 8 35	−43 50	285 1	+15 3
4355		−63 1860	97583	15421	.	6884	I		11 8 37	−63 38	292 26	− 3 20
4356	69 LEO	+ 0 2761	97585	15430	2612.1	6889			11 8 38	+ 0 28	258 7	+54 4
4357	68 δ LEO	+21 2298	97603	15438	2614.	6892		VAR?	11 8 47	+21 4	224 12	+66 49
4358		+ 8 2476	97605	15437	.	6891	B		11 8 50	+ 8 36	247 59	+60 4
4359	70 θ LEO	+16 2234	97633	15441	2615.	6894			11 9 0	+15 59	235 20	+64 35
4360		−52 4350	97651	15436	.				11 9 10	−52 41	288 29	+ 6 53
4361		−58 3315	97670	15435	.	6890			11 9 11	−59 4	290 50	+ 0 57
4362	72 LEO	+23 2322	97778	15460	2616.	6901		VAR?	11 9 53	+23 38	218 6	+67 52
4363		+53 1480	97855	15485	.	6906	8108A		11 10 19	+53 19	151 8	+58 49
4364		−43 6899	97866	15461	.				11 10 13	−43 11	285 3	+15 46
4365	73 LEO	+14 2367	97907	15487	.	6907			11 10 38	+13 51	239 55	+63 44
4366		+13 2379	97937	15491	.	6909			11 10 44	+13 23	240 48	+63 29
4367		+50 1807	97989	15506	.	6913			11 11 4	+50 1	155 44	+61 11
4368	74 ϕ LEO	− 2 3315	98058	15511	2620.	6915			11 11 35	− 3 6	262 39	+51 40
4369		− 6 3344	98088	15514	.	6917	8115		11 11 54	− 6 35	265 47	+48 49
4370		−45 6837	98096	15512	.		I		11 11 49	−45 20	286 9	+13 53
4371	75 LEO	+ 2 2409	98118	15520	2622.	6918			11 12 9	+ 2 34	256 59	+56 15
4372		−37 7146	98161	15523	.				11 12 26	−37 28	283 11	+21 13
4373		−34 7345	98221	15530	.				11 12 50	−34 11	281 54	+24 17
4374	53 ξ UMA	+32 2132	98230	15537	.	6921	8119B		11 12 51	+32 6	195 1	+69 15
4375	53 ξ UMA	+32 2132	98231	15537	2625.	6920	8119A		11 12 51	+32 6	195 1	+69 15
4376		−35 7111	98233	15534	.				11 12 55	−35 59	282 40	+22 38
4377	54 ν UMA	+33 2098	98262	15547	2626.	6924	8123		11 13 5	+33 38	190 44	+69 4
4378		+12 2319	98280	15545	.	6922			11 13 8	+12 32	243 6	+63 26
4379		−67 1703	98292	15532	.		R3800		11 13 14	−67 17	294 12	− 6 34
4380	55 UMA	+38 2225	98353	15558	2629.	6927			11 13 41	+38 44	177 20	+67 44
4381	76 LEO	+ 2 2411	98366	15556	.	6925			11 13 47	+ 2 12	257 58	+56 14
4382	12 δ CRT	−13 3345	98430	15567	2630.	6931			11 14 20	−14 14	272 4	+42 30
4383		+67 692	98499	15586	.	6936			11 14 47	+67 38	135 48	+47 43
4384		−63 1881	98560	15574	.				11 15 5	−64 2	293 15	− 3 27
4385		−78 638	98617	15572	.				11 15 38	−79 7	298 41	−17 34
4386	77 σ LEO	+ 6 2437	98664	15600	2632.	6938			11 15 59	+ 6 35	253 20	+59 54
4387		−74 801	98672	15584	.				11 16 0	−74 36	297 2	−13 20
4388		+57 1316	98673	15607	.	6940			11 16 6	+57 37	144 45	+56 6
4389		−71 1238	98695	15592	.				11 16 11	−71 27	295 56	−10 22
4390	π CEN	−53 4498	98718	15601	.	6939	I		11 16 27	−53 57	289 57	+ 6 5
4391		+65 828	98772	15619	.	6944			11 16 55	+64 53	137 42	+50 10
4392	56 UMA	+44 2083	98839	15625	2635.	6945			11 17 20	+44 2	164 44	+65 45
4393		−43 7006	98892	15624	.				11 17 39	−44 6	286 42	+15 24
4394		+ 0 2782	98960	15639	.	6949			11 18 11	+ 0 41	261 11	+55 42
4395	13 λ CRT	−17 3367	98991	15644	2638.	6951			11 18 24	−18 14	275 36	+39 22
4396		−35 7163	98993	15641	2639.	6950			11 18 22	−35 37	283 38	+23 23
4397		−76 662	99015	15628	.				11 18 35	−77 4	298 4	−15 35
4398		−56 4449	99022	15643	.				11 18 36	−56 14	291 1	+ 4 2
4399	78 ι LEO	+11 2348	99028	15652	2640.	6956	8148	VAR?	11 18 43	+11 5	247 34	+63 33
4400	79 LEO	+ 2 2418	99055	15656	.	6959			11 18 54	+ 1 57	260 5	+56 49

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
4351	11 13 40	+ 5 32	+41 5	−33	6.36 R	.	K0	−0.005	+0.006	.	+ 12	3.0	3.3		4
4352	11 12 37	+ 4 18	−60 19	−33	4.59	+0.53	F0Ia	−0.001	−0.006	−.001	− 8	6.6	21.9		4
4353	11 12 57	+ 4 34	−49 44	−33	6.10	+1.06	K0	−0.013	−0.016	.		.	.		
4354	11 13 15	+ 4 40	−44 23	−33	5.80	+1.66	gK5	−0.002	−0.007	.		.	.		
4355	11 12 46	+ 4 9	−64 11	−33	5.52 H	.	B9V	−0.038	−0.012	.	+ 21	7.0	19.4		
4356	11 13 45	+ 5 7	− 0 5	−33	5.31 R	.	A0	−0.045	−0.006	+.012	+ 5	.	.		
4357	11 14 6	+ 5 19	+20 31	−33	2.55	+0.13	A4V	+0.146	−0.138	+.040	− 21V?	.	.		G
4358	11 14 2	+ 5 12	+ 8 3	−33	5.75 R	.	gK3	+0.043	−0.110	.	+ 17	5.5	21.9		
4359	11 14 15	+ 5 15	+15 26	−33	3.31	−0.01	A2V	−0.059	−0.085	+.019	+ 8	.	.		
4360	11 13 40	+ 4 30	−53 14	−33	5.75	+1.32	K2	−0.028	+0.030	.		.	.		
4361	11 13 31	+ 4 20	−59 37	−33	5.73	−0.12	B3s	−0.005	−0.016	.	+ 17	.	.		
4362	11 15 12	+ 5 19	+23 5	−33	4.87 H	.	M3III	−0.021	−0.012	+.009	+ 16	.	.		
4363	11 16 4	+ 5 45	+52 46	−33	6.20BR	.	dF2	+0.161	+0.050	.	− 41	1.3	13.0		3
4364	11 14 54	+ 4 41	−43 44	−33	6.36 H	.	K5	−0.028	−0.024	.		.	.		
4365	11 15 52	+ 5 14	+13 18	−33	5.34 R	.	K3III	−0.007	−0.015	.	+ 15V	.	.		6
4366	11 15 57	+ 5 13	+12 50	−33	6.49 R	.	A6n	−0.035	−0.062	.	− 20	.	.		6
4367	11 16 42	+ 5 38	+49 28	−33	5.82 R	.	gK0	−0.086	−0.015	.	+ 0	.	.		
4368	11 16 40	+ 5 5	− 3 39	−33	4.46	+0.22	A7III-IV	−0.112	−0.041	+.014	− 3	.	.		
4369	11 16 58	+ 5 4	− 7 8	−33	6.14	+0.21	A p	−0.012	−0.011	.004D	− 55V	2.5	67.1	3	*
4370	11 16 28	+ 4 39	−45 53	−33	6.30	+0.41	F2	−0.143	+0.058	.016D		.3	2.7		*
4371	11 17 18	+ 5 9	+ 2 1	−33	5.18	+1.52	M0III	+0.054	−0.148	+.006	− 59	.	.		
4372	11 17 12	+ 4 46	−38 1	−33	6.24	+0.12	A0	−0.091	+0.004	.		.	.		
4373	11 17 39	+ 4 49	−34 44	−33	6.44	+0.41	dF1	−0.011	−0.004	.		.	.		
4374	11 18 11	+ 5 20	+31 32	−34	4.87 H	.	G0V	−0.431	−0.593	.	− 16V	.9	3.4		*
4375	11 18 11	+ 5 20	+31 32	−34	4.41 H	.	G0V	−0.431	−0.593	+.127	− 16V	.9	3.4		*
4376	11 17 43	+ 4 48	−36 32	−33	6.60 H	.	K0	−0.080	+0.020	.		.	.		
4377	11 18 29	+ 5 24	+33 5	−33	3.48	+1.38	K3III	−0.025	+0.021	+.013	− 9	6.4	7.4		3
4378	11 18 21	+ 5 13	+11 59	−33	6.48 R	+0.07	A2V	+0.003	−0.041	.	− 35	.	.		
4379	11 17 19	+ 4 5	−67 50	−33	6.05	+1.76	M1	+0.023	−0.021	.		8.9	7.0		
4380	11 19 8	+ 5 27	+38 11	−33	4.75 R	+0.09	A2V	−0.058	−0.077	+.021	− 3V	.	.		R
4381	11 18 55	+ 5 8	+ 1 39	−33	5.95 R	.	gK0	−0.039	−0.059	.	+ 5	.	.		
4382	11 19 20	+ 5 0	−14 46	−32	3.56	+1.10	G8III-IV	−0.125	+0.199	+.019	− 5	.	.		
4383	11 20 54	+ 6 7	+67 5	−33	6.15 R	.	G8	+0.053	−0.049	.	− 56	.	.		
4384	11 19 16	+ 4 11	−64 35	−33	5.98	+0.47	dF6	−0.295	+0.032	.		.	.		
4385	11 18 34	+ 2 56	−79 40	−33	6.34	+0.27	A3	+0.049	−0.048	.		.	.		
4386	11 21 8	+ 5 9	+ 6 2	−33	4.12 R	.	B9V	−0.094	−0.017	−.006	− 5V	.	.		
4387	11 19 36	+ 3 36	−75 9	−33	6.26	−0.03	A0	−0.028	−0.004	.		.	.		
4388	11 21 50	+ 5 44	+57 4	−33	6.29 R	.	A2	−0.049	+0.016	.	− 20V	.	.		6
4389	11 20 4	+ 3 53	−72 0	−33	6.40	+0.05	B3	−0.028	−0.015	.		.	.		
4390	11 21 1	+ 4 34	−54 30	−33	3.88	−0.16	B5Vn	−0.033	−0.013	.011D	+ 16V	.5	.6		D
4391	11 22 51	+ 5 56	+64 20	−33	5.93 R	.	A0	−0.004	+0.031	.	+ 2	.	.		
4392	11 22 49	+ 5 29	+43 29	−33	5.02	+0.98	G8II	−0.035	−0.016	−.003	+ 3	.	.		
4393	11 22 23	+ 4 44	−44 39	−33	6.29 H	.	G5	−0.053	−0.041	.		.	.		
4394	11 23 18	+ 5 7	+ 0 8	−33	6.12 R	.	K3	−0.039	−0.022	.	+ 22	.	.		
4395	11 23 22	+ 4 58	−18 47	−33	5.08	+0.44	F5IV	−0.313	−0.039	+.016	+ 12V	.	.		
4396	11 23 13	+ 4 51	−36 10	−33	5.12 H	.	gK6	−0.038	−0.018	+.016	− 5V	.	.		
4397	11 21 58	+ 3 23	−77 37	−33	6.42	+0.20	A2	−0.070	−0.012	.		.	.		
4398	11 23 9	+ 4 33	−56 47	−33	5.78	+0.00	A0	−0.038	−0.011	.		.	.		
4399	11 23 56	+ 5 13	+10 32	−33	3.93	+0.41	F2IV	+0.169	−0.081	+.047	− 10V?	3.2	3.2		*
4400	11 24 2	+ 5 8	+ 1 24	−33	5.42 R	.	gG7	−0.021	+0.001	.	− 10	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
4401		−64 1657	99104	15649	.	6953	IA		11 19 2	−64 24	293 47	− 3 39
4402	14 ϵ CRT	−10 3260	99167	15665	.	6962			11 19 34	−10 19	271 2	+46 34
4403		−41 6529	99171	15663	.				11 19 35	−42 7	286 19	+17 23
4404		+12 2335	99196	15670	.	6964			11 19 48	+11 59	246 26	+64 20
4405	15 γ CRT	−16 3244	99211	15669	2644.	6963	8153		11 19 53	−17 8	275 24	+40 31
4406		−71 1248	99264	15667	.				11 20 12	−71 42	296 19	−10 30
4407		+56 1518	99283	15686	.	6970			11 20 19	+56 24	145 16	+57 25
4408	81 LEO	+17 2356	99285	15677	.	6966			11 20 24	+17 0	236 45	+67 27
4409		−35 7189	99322	15680	2646.	6967	I		11 20 38	−35 31	284 4	+23 38
4410	80 LEO	+ 4 2463	99329	15688	.	6972			11 20 42	+ 4 25	257 53	+59 2
4411		−37 7235	99333	15684	.		I		11 20 43	−37 12	284 44	+22 4
4412		+34 2222	99373	15698	.	6975			11 21 5	+34 0	188 43	+70 38
4413		−63 1893	99453	15693	2647.	6974			11 21 23	−63 25	293 42	− 2 38
4414	83 LEO	+ 3 2502	99491	15705	2648.	6977	8162A		11 21 42	+ 3 33	259 18	+58 31
4415		−60 2941	99556	15708	.	6979	R3861		11 22 5	−60 34	292 52	+ 0 5
4416	16 κ CRT	−11 3098	99564	15714	.	6980	B		11 22 7	−11 48	272 50	+45 32
4417		−52 4567	99574	15710	.		I		11 22 8	−52 37	290 19	+ 7 37
4418	84 τ LEO	+ 3 2504	99648	15729	2650.	6985			11 22 48	+ 3 24	259 53	+58 34
4419		− 0 2442	99651	15728	.	6984	R3867		11 22 47	− 1 9	264 41	+54 51
4420		−34 7471	99712	15735	.				11 23 5	−34 47	284 18	+24 30
4421		+62 1183	99747	15745	.	6989			11 23 22	+62 19	138 53	+52 44
4422	57 UMA	+40 2433	99787	15751	2654.1	6991	8175		11 23 41	+39 53	172 14	+68 58
4423		−41 6565	99803	15744	.	6988	I		11 23 46	−42 7	287 5	+17 39
4424		+57 1324	99859	15760	.	6995			11 24 8	+57 17	143 31	+57 0
4425		−71 1253	99872	15746	.				11 24 13	−71 55	296 41	−10 36
4426	85 LEO	+16 2266	99902	15765	.	6997			11 24 29	+15 58	240 25	+67 41
4427		+55 1468	99913	15773	.	7000			11 24 39	+54 55	146 2	+58 58
4428		−23 10009	99922	15768	.		8183		11 24 40	−23 55	280 9	+34 46
4429		+81 373	99945	15795	2656.	7010			11 24 48	+81 41	126 37	+35 25
4430		+47 1880	99967	15778	.	7001			11 24 58	+47 12	156 51	+64 47
4431	58 UMA	+43 2122	99984	15782	.	7003			11 25 6	+43 43	163 18	+67 4
4432	87 LEO	− 2 3360	99998	15779	2658.	7002			11 25 12	− 2 27	266 45	+54 4
4433	86 LEO	+19 2459	100006	15784	2659.	7004			11 25 16	+18 58	233 43	+69 26
4434	1 λ DRA	+70 665	100029	15799	2661.	7012		VAR?	11 25 28	+69 53	132 59	+46 12
4435		+48 1952	100030	15789	.	7007			11 25 28	+48 29	154 36	+63 56
4436		+49 2062	100055	15797	.	7011			11 25 42	+49 20	153 13	+63 21
4437	88 LEO	+15 2345	100180	15811	2665.	7016	8196A		11 26 35	+14 55	243 26	+67 28
4438		−60 3011	100198	15805	.				11 26 40	−60 44	293 27	+ 0 6
4439		+61 1246	100203	15822	2666.	7021	8197		11 26 41	+61 38	138 55	+53 31
4440		−19 3285	100219	15815	.				11 26 48	−20 13	278 58	+38 22
4441	o^1 CEN	−58 3692	100261	15818	2668.	7019	I	VAR?	11 27 9	−58 53	292 57	+ 1 53
4442	o^2 CEN	−58 3693	100262	15820	2669.	7020			11 27 11	−58 58	292 59	+ 1 49
4443		−28 8928	100286	15830	.	7023	8202B		11 27 19	−28 43	282 53	+30 30
4444		−28 8928	100287	15831	.	7024	8202A		11 27 19	−28 43	282 53	+30 30
4445		−26 8620	100307	15832	.				11 27 25	−26 12	281 51	+32 52
4446		− 7 3250	100343	15841	.	7026			11 27 43	− 7 17	271 33	+50 11
4447		−39 7168	100378	15842	.				11 27 56	−39 53	287 7	+20 1
4448		−66 1605	100382	15837	.				11 27 53	−66 24	295 17	− 5 15
4449		−30 9303	100393	15844	2670.	7027			11 27 57	−30 32	283 45	+28 51
4450	ξ HYA	−31 9083	100407	15845	2671.	7028	I		11 28 5	−31 18	284 4	+28 8

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
4401	11 23 22	+ 4 20	−64 57	−33	5.10	−0.08	B5	+0.006	−0.015	.010D	+ 19V?	1.1	2.8		2
4402	11 24 37	+ 5 3	−10 52	−33	4.80	+1.54	K5III	−0.031	+0.022	.	+ 3	.	.		
4403	11 24 22	+ 4 47	−42 40	−33	6.11	−0.19	B0III	−0.024	−0.008	.		.	.		
4404	11 24 59	+ 5 11	+11 26	−33	5.79	+1.38	K4III	−0.106	−0.014	.	+ 38	.	.		G
4405	11 24 53	+ 5 0	−17 41	−33	4.06	+0.21	A7IV	−0.106	−0.001	+.022	+ 1	5.5	5.2		2
4406	11 24 11	+ 3 59	−72 15	−33	5.58	+0.06	B3III	−0.026	−0.015	.		.	.		
4407	11 25 57	+ 5 38	+55 51	−33	5.73 R	.	gG6	−0.069	+0.042	.	− 6	.	.		
4408	11 25 37	+ 5 13	+16 27	−33	5.61 R	.	dF2	−0.145	−0.014	.	+ 18	.	.		
4409	11 25 29	+ 4 51	−36 4	−33	5.34 H	.	gK0	−0.116	+0.014	+.023	+ 4	4.6	1.3		G
4410	11 25 50	+ 5 8	+ 3 52	−33	6.32 R	.	A8n	−0.081	−0.045	.	− 3V	.	.		6
4411	11 25 34	+ 4 51	−37 45	−33	6.02 H	.	gM3	−0.045	−0.020	.		5.0	5.0		
4412	11 26 26	+ 5 21	+33 27	−33	6.20 R	.	F5	−0.040	+0.009	.	− 25	.	.		
4413	11 25 43	+ 4 20	−63 58	−33	5.34 H	.	dF8	−0.307	−0.089	+.038	− 5V	.	.		R
4414	11 26 46	+ 5 4	+ 3 0	−33	6.04 R	.	dK0	−0.722	+0.177	+.053	− 3	1.0	30.5		D
4415	11 26 35	+ 4 30	−61 7	−33	5.54 H	.	B5IV	−0.021	−0.008	.	+ 9	8.5	13.0		
4416	11 27 9	+ 5 2	−12 21	−33	5.93	+0.49	dF4	−0.104	+0.016	.	+ 6	7.0	28.0		
4417	11 26 48	+ 4 40	−53 10	−33	5.80	+0.52	G0+A2	−0.044	+0.006	.		.4	.3		2
4418	11 27 57	+ 5 9	+ 2 51	−33	4.95	+1.00	G8II-III	+0.018	−0.017	+.031	− 9	.	.		G
4419	11 27 54	+ 5 7	− 1 42	−33	6.28 H	.	gK2	−0.036	−0.006	.	− 10	1.5	.4		2
4420	11 27 58	+ 4 53	−35 20	−33	6.49 H	.	K2	−0.010	+0.006	.		.	.		
4421	11 29 5	+ 5 43	+61 46	−33	5.83 R	.	dF1	−0.118	+0.236	.	− 8	.	.		
4422	11 29 4	+ 5 23	+39 20	−33	5.24 R	+0.00	A1V	−0.051	+0.009	+.024	− 11V	3.0	5.7	6	D
4423	11 28 35	+ 4 49	−42 40	−33	5.07	−0.03	B9	−0.043	+0.002	.007D	+ 3V	2.6	13.5		6
4424	11 29 44	+ 5 36	+56 44	−33	6.21 R	.	A2	−0.091	−0.040	.	+ 9	.	.		
4425	11 28 19	+ 4 6	−72 28	−33	6.08	+0.16	B3	−0.031	−0.030	.		.1	.3		7
4426	11 29 42	+ 5 13	+15 25	−33	5.82 R	.	gK4	−0.027	−0.052	.	− 29	.	.		
4427	11 30 13	+ 5 34	+54 22	−33	6.36 R	.	G5	+0.010	−0.064	.	− 22	.	.		
4428	11 29 38	+ 4 58	−24 28	−33	5.75	+0.70	dF1	−0.051	+0.036	.021D		2.0	8.4		7
4429	11 31 51	+ 7 3	+81 8	−33	6.13 R	.	A m	−0.146	+0.031	+.017	+ 3	.	.		
4430	11 30 25	+ 5 27	+46 39	−33	6.36 R	.	K0	+0.009	+0.024	.	+ 27	.	.		R
4431	11 30 31	+ 5 25	+43 10	−33	5.79 R	.	dF5	−0.051	+0.073	.	− 30	.	.		
4432	11 30 19	+ 5 7	− 3 0	−33	5.07 H	.	K4III	+0.018	−0.019	+.009	+ 19	.	.		
4433	11 30 29	+ 5 13	+18 25	−33	5.58 R	.	gK0	−0.084	+0.010	+.023	+ 27	.	.		
4434	11 31 24	+ 5 56	+69 20	−33	3.80	+1.61	M0III	−0.040	−0.022	+.024	+ 7	.	.		
4435	11 30 54	+ 5 26	+47 56	−33	6.28 R	.	G8IV	−0.230	−0.079	.	+ 38	.	.		
4436	11 31 10	+ 5 28	+48 47	−33	6.31 R	.	G5	−0.031	−0.048	.	+ 6	.	.		
4437	11 31 45	+ 5 10	+14 22	−33	6.00BR	.	dF7	−0.331	−0.196	+.032	− 4	2.0	15.9		D
4438	11 31 15	+ 4 35	−61 17	−33	6.36 H	.	A0Ia	−0.002	−0.007	.		.	.		
4439	11 32 21	+ 5 40	+61 5	−33	5.47	+0.51	F6V	+0.001	−0.073	+.048	− 46	1.3	.9		D
4440	11 31 48	+ 5 0	−20 46	−33	6.23	+0.54	F5	−0.119	+0.039	.		.	.		
4441	11 31 47	+ 4 38	−59 26	−33	5.07?	+1.12	G0Ia	−0.001	−0.016	+.017	− 20V	6.0	13.7		M
4442	11 31 48	+ 4 37	−59 31	−33	5.15	+0.48	A2Ia	−0.016	−0.009	+.008	− 17	.	.		
4443	11 32 16	+ 4 57	−29 16	−33	5.86 H	.	dF7	−0.016	+0.131	.013D	+ 10	.0	9.3		
4444	11 32 16	+ 4 57	−29 16	−33	5.78 H	.	dF6	−0.030	+0.138	.013D	+ 4	.0	9.3		
4445	11 32 23	+ 4 58	−26 45	−33	6.50 H	.	M1	−0.079	+0.025	.		.	.		
4446	11 32 48	+ 5 5	− 7 50	−33	6.17 H	.	gK4	−0.012	−0.003	.	− 1	.	.		
4447	11 32 48	+ 4 52	−40 26	−33	5.63	+1.58	gK6	−0.072	+0.054	.		.	.		
4448	11 32 20	+ 4 27	−66 57	−33	5.89	+1.13	gG9	+0.005	−0.012	.		.	.		
4449	11 32 54	+ 4 57	−31 5	−33	5.03	+1.58	gM0	−0.035	−0.001	+.012	+ 19	.	.		
4450	11 33 0	+ 4 5v	−31 51	−33	3.54	+0.96	G7III	−0.210	−0.047	+.019	− 5	7.8	67.8		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
4451		−15 3295	100418	15847	.	7029			11 28 12	−15 43	277 2	+42 38
4452		+37 2195	100470	15857	2673.	7033			11 28 38	+37 22	177 30	+70 58
4453		−39 7175	100493	15854	2674.	7030	I		11 28 45	−40 2	287 19	+19 55
4454		+11 2372	100518	15865	.	7035			11 28 59	+11 35	250 44	+65 43
4455	89 LEO	+ 3 2521	100563	15867	2676.	7037			11 29 15	+ 3 37	262 9	+59 42
4456	90 LEO	+17 2374	100600	15874	.	7039	8220		11 29 30	+17 21	239 9	+69 28
4457		+55 1473	100615	15875	.	7041			11 29 34	+55 20	144 27	+59 2
4458		−32 8179	100623	15873	2678.	7038			11 29 38	−32 18	284 48	+27 18
4459		+21 2331	100655	15879	.	7043			11 29 51	+20 59	229 48	+71 19
4460		−53 4637	100673	15877	.	7042			11 30 1	−53 43	291 47	+ 6 56
4461	2 DRA	+70 670	100696	15893	2679.	7047			11 30 11	+69 53	132 27	+46 22
4462		−48 6630	100708	15881	2680.	7044		VAR?	11 30 10	−48 35	290 17	+11 51
4463		−46 7199	100733	15886	2680.1	7045	R3920	VAR?	11 30 24	−46 49	289 47	+13 33
4464		+11 2377	100740	15892	.	7046			11 30 33	+11 28	251 35	+65 55
4465		+28 2022	100808	15905	.	7052	8231		11 31 2	+28 20	206 20	+73 19
4466		−46 7205	100825	15901	2683.	7051			11 31 5	−47 5	289 59	+13 20
4467	λ CEN	−62 2127	100841	15899	.	7050	R3926		11 31 10	−62 28	294 28	− 1 24
4468	21 θ CRT	− 8 3202	100889	15921	.	7056			11 31 37	− 9 15	274 14	+48 52
4469		−32 8199	100893	15917	.		I		11 31 37	−33 1	285 30	+26 46
4470		−36 7291	100911	15923	.				11 31 45	−36 41	286 48	+23 17
4471	91 υ LEO	− 0 2458	100920	15927	2687.	7057			11 31 50	− 0 16	267 15	+56 48
4472		−60 3140	100929	15913	.	7055			11 31 42	−60 30	293 58	+ 0 31
4473		−32 8202	100953	15930	.				11 32 3	−32 26	285 23	+27 20
4474		+51 1679	101013	15947	.	7065			11 32 29	+51 10	148 47	+62 39
4475		−60 3182	101021	15935	2690.	7060			11 32 23	−60 44	294 7	+ 0 19
4476		−47 6997	101067	15945	2691.	7064			11 32 43	−47 12	290 17	+13 18
4477	59 UMA	+44 2110	101107	15962	.	7068			11 33 1	+44 11	159 59	+67 52
4478		+ 9 2523	101112	15961	.	7067			11 32 58	+ 9 26	255 58	+64 50
4479	π CHA	−75 744	101132	15946	.				11 33 8	−75 21	298 22	−13 41
4480	60 UMA	+47 1894	101133	15970	.	7071			11 33 12	+47 23	154 10	+65 38
4481		+65 843	101150	15974	.	7076	8249		11 33 12	+64 54	135 19	+51 0
4482		+34 2242	101151	15972	.	7073			11 33 16	+34 11	186 0	+73 1
4483	1 ω VIR	+ 8 2532	101153	15971	2693.	7072		VAR?	11 33 18	+ 8 41	257 15	+64 19
4484		− 1 2546	101154	15967	.	7070	8247		11 33 17	− 1 53	269 16	+55 35
4485		−66 1629	101162	15959	.				11 33 17	−67 4	296 0	− 5 44
4486		+45 1947	101177	15976	2695.	7079	8250A		11 33 29	+45 40	157 2	+66 54
4487		−61 2463	101189	15965	2694.	7069			11 33 27	−61 16	294 23	+ 0 10
4488	24 ι CRT	−12 3466	101198	15977	.	7080	B		11 33 35	−12 39	276 59	+45 58
4489		−24 9867	101259	15990	.				11 33 59	−24 9	282 41	+35 18
4490		−13 3420	101369	16009	.		8259		11 34 47	−13 55	278 4	+44 55
4491		−15 3323	101370	16008	.	7086			11 34 47	−16 4	279 12	+42 56
4492		−64 1685	101379	16004	2698.	7085	I	VAR?	11 34 51	−64 51	295 32	− 3 34
4493		+58 1331	101391	16020	.	7089			11 34 59	+58 31	140 5	+56 44
4494	ο HYA	−34 7610	101431	16019	.	7088			11 35 15	−34 11	286 42	+25 53
4495	92 LEO	+22 2391	101484	16030	.	7091			11 35 35	+21 54	228 51	+72 54
4496	61 UMA	+35 2270	101501	16035	2699.	7092		VAR?	11 35 47	+34 46	183 31	+73 19
4497		−53 4691	101541	16033	.				11 35 53	−53 25	292 33	+ 7 28
4498		−28 9027	101563	16044	2700.	7094			11 36 10	−28 39	284 59	+31 13
4499		−61 2514	101570	16037	2702.	7093			11 36 10	−61 32	294 47	+ 0 20
4500		+55 1481	101604	16052	.	7099			11 36 19	+55 43	142 29	+59 14

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
4451	11 33 14	+ 5 2	−16 16	−33	6.00 H	.	gG0	−0.004	−0.049	.	− 4	.	.		
4452	11 33 57	+ 5 19	+36 49	−33	6.40	+1.05	K0III	−0.128	−0.063	−.014	+ 18V?	.	.		
4453	11 33 37	+ 4 52	−40 35	−33	5.38	+0.12	A2	−0.078	+0.017	+.021	+ 9	.0	1.4		*
4454	11 34 10	+ 5 11	+11 2	−33	6.40 R	+0.18	A5V	+0.044	−0.037	.	− 5	.	.		
4455	11 34 22	+ 5 7	+ 3 4	−33	5.69 R	.	dF5	−0.183	−0.108	+.038	+ 3	.	.		
4456	11 34 42	+ 5 12	+16 48	−33	5.95	−0.16	B3V	−0.011	−0.005	.003D	+ 19	1.3	3.6	3	D
4457	11 35 4	+ 5 30	+54 47	−33	5.62 R	.	gG8	+0.008	−0.002	.	+ 18	.	.		
4458	11 34 30	+ 4 52	−32 50	−32	5.98	+0.81	K0V	−0.680	+0.818	+.099	− 23	.	.		
4459	11 35 4	+ 5 13	+20 26	−33	6.31 R	.	G9III	−0.059	−0.012	.	− 7	.	.		
4460	11 34 46	+ 4 45	−54 16	−33	4.62	−0.08	B9V	−0.064	+0.007	.	+ 4V	.	.		
4461	11 36 2	+ 5 51	+69 20	−33	5.13 R	.	K0III	+0.109	−0.130	+.026	− 2	.	.		
4462	11 34 57	+ 4 47	−49 8	−33	5.49	+1.04	gK1	−0.178	+0.159	+.027	− 1	.	.		
4463	11 35 13	+ 4 49	−47 22	−33	5.63 H	+1.66	M3III	−0.097	−0.014	+.002	+ 18	7.9	6.9		G
4464	11 35 44	+ 5 11	+10 55	−33	6.48 R	+0.13	A4III	+0.029	−0.026	.	− 5V	.	.		6
4465	11 36 18	+ 5 16	+27 47	−33	5.75BR	.	A3	+0.023	−0.002	.012D	+ 8	.4	1.2	3	*
4466	11 35 56	+ 4 51	−47 38	−33	5.24	+0.26	F2	+0.027	−0.058	+.016	+ 5	.	.		
4467	11 35 47	+ 4 37	−63 1	−33	3.12	−0.05	B9II	−0.034	−0.019	.	+ 8	8.7	16.6		
4468	11 36 41	+ 5 4	− 9 48	−33	4.70	−0.08	B9V	−0.065	+0.003	.	+ 1	.	.		
4469	11 36 35	+ 4 58	−33 34	−33	5.87 H	.	K0	+0.035	−0.044	.		2.7	4.0		
4470	11 36 41	+ 4 56	−37 14	−33	6.30	+0.06	A0	−0.019	−0.027	.		.	.		
4471	11 36 57	+ 5 7	− 0 49	−33	4.30	+0.99	G9III	+0.003	+0.038	+.015	+ 1	.	.		
4472	11 36 22	+ 4 40	−61 3	−33	5.81	−0.10	B3IV	−0.018	−0.004	.	+ 9	.	.		
4473	11 37 1	+ 4 58	−32 59	−33	6.28	+0.46	F5	−0.016	−0.086	.		.	.		
4474	11 37 54	+ 5 25	+50 37	−33	5.92 R	.	K0	−0.053	−0.042	.	− 4	.	.		
4475	11 37 1	+ 4 38	−61 17	−33	5.14	+1.13	K1III	−0.221	−0.006	−.003	+ 3	.	.		
4476	11 37 34	+ 4 51	−47 45	−33	5.43	+1.24	gK2	−0.080	+0.017	−.004	− 1	.	.		G
4477	11 38 21	+ 5 20	+43 38	−33	5.47 R	.	A7n	−0.145	−0.041	.	+ 2	.	.		
4478	11 38 7	+ 5 9	+ 8 53	−33	6.44 R	.	K1III	−0.061	+0.013	.	+ 11	.	.		
4479	11 37 16	+ 4 8	−75 54	−33	5.64	+0.36	F2III	−0.120	−0.004	.	− 10	.	.		
4480	11 38 34	+ 5 22	+46 50	−33	6.22 R	.	dF2	−0.041	−0.034	.	− 24	.	.		
4481	11 38 49	+ 5 37	+64 21	−33	6.40BR	.	A2	+0.016	+0.002	.004D	− 22	1.0	2.1		2
4482	11 38 33	+ 5 17	+33 38	−33	6.18 R	.	K2III	−0.029	−0.026	.	− 6	.	.		
4483	11 38 27	+ 5 9	+ 8 8	−33	5.28 R	.	gM6	−0.009	+0.000	−.010	+ 4	.	.		
4484	11 38 24	+ 5 7	− 2 26	−33	6.25 H	.	gK1	−0.033	+0.004	.	− 15	4.2	5.6		3
4485	11 37 49	+ 4 32	−67 37	−33	5.95	+1.02	g?G8	−0.075	−0.022	.		.	.		
4486	11 38 45	+ 5 16	+45 7	−33	6.34 H	.	dG1	−0.594	+0.018	+.048	− 18V	2.1	10.5	4	*
4487	11 38 7	+ 4 40	−61 49	−33	5.14	−0.02	A p	−0.068	+0.005	+.018	+ 4	.	.		
4488	11 38 40	+ 5 5	−13 12	−33	5.64 H	.	dF5	+0.089	+0.113	.	− 24	5.5	1.7		2
4489	11 39 0	+ 5 1	−24 43	−34	6.40	+0.83	G5	+0.014	−0.243	.		.	.		
4490	11 39 51	+ 5 4	−14 28	−33	6.39 H	.	A0	−0.044	−0.019	.		5.9	8.2		3
4491	11 39 50	+ 5 3	−16 37	−33	6.48 H	.	gM2	−0.013	−0.014	.	+ 26	.	.		
4492	11 39 29	+ 4 38	−65 24	−33	5.16	+0.80	G0+A0	−0.033	−0.018	+.001	+ 4V	6.9	38.7	3	*
4493	11 40 27	+ 5 28	+57 58	−33	6.08 R	.	A0	−0.012	+0.016	.	+ 4	.	.		
4494	11 40 13	+ 4 58	−34 44	−33	4.70	−0.08	B9	−0.036	−0.001	.	+ 6	.	.		
4495	11 40 47	+ 5 12	+21 21	−33	5.30 R	.	K0III	−0.061	−0.048	.	+ 9	.	.		
4496	11 41 3	+ 5 16	+34 12	−34	5.35	+0.72	G8V	−0.014	−0.390	+.110	− 5	.	.		
4497	11 40 43	+ 4 50	−53 58	−33	5.95	+1.66	gM0	−0.001	−0.030	.		.	.		
4498	11 41 8	+ 4 58	−29 12	−33	6.43	+0.66	dG0	−0.328	+0.206	+.024	− 20	.	.		6
4499	11 40 54	+ 4 44	−62 5	−33	4.93	+1.14	cG6	−0.017	−0.005	+.018	+ 14V?	.	.		6
4500	11 41 44	+ 5 25	+55 10	−33	6.24 R		K5	−0.015	+0.016	.	− 7	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
4501	62 UMA	+32 2179	101606	16051	2703.	7097			11 36 22	+32 18	191 50	+74 7
4502		−42 7155	101615	16048	.	7096			11 36 25	−42 32	289 34	+17 58
4503		−31 9181	101666	16055	2704.	7102	IAB		11 36 44	−31 57	286 17	+28 6
4504	3 DRA	+67 714	101673	16072	.	7107			11 36 54	+67 18	133 12	+48 59
4505		+23 2375	101688	16066	.	7105			11 36 54	+22 46	226 28	+73 31
4506		−19 3326	101695	16069	.				11 37 1	−19 44	281 37	+39 42
4507		−82 469	101782	16057	.		I		11 37 33	−82 33	300 43	−20 32
4508		−36 7371	101883	16086	.				11 38 28	−36 38	288 11	+23 44
4509		−78 677	101917	16083	.				11 38 39	−78 45	299 39	−16 52
4510		− 5 3340	101933	16097	.	7112			11 38 49	− 6 7	274 40	+52 27
4511		−61 2559	101947	16092	2712.	7111			11 38 45	−61 56	295 11	+ 0 38
4512		+26 2250	101980	16105	.	7115	8285		11 39 1	+25 47	216 18	+74 48
4513		−62 2250	101995	16102	.				11 39 6	−62 19	295 19	+ 1 0
4514	27 ζ CRT	−17 3460	102070	16112	2713.	7119			11 39 42	−17 48	281 32	+41 44
4515	2 ξ VIR	+ 9 2545	102124	16118	2714.	7121			11 40 8	+ 8 49	260 9	+65 29
4516		−48 6777	102150	16119	.				11 40 17	−48 31	291 55	+12 23
4517	3 ν VIR	+ 7 2479	102212	16135	2720.	7128			11 40 43	+ 7 5	262 51	+64 10
4518	63 χ UMA	+48 1966	102224	16137	2721.	7129		VAR?	11 40 46	+48 20	150 19	+65 43
4519		−44 7564	102232	16133	.	7127		VAR?	11 40 47	−45 8	291 5	+15 40
4520	λ MUS	−66 1640	102249	16131	.	7126	I		11 40 53	−66 10	296 29	− 4 40
4521		+56 1544	102328	16153	.	7134			11 41 35	+56 11	140 47	+59 12
4522		−60 3325	102350	16147	2726.	7132			11 41 40	−60 37	295 11	+ 0 43
4523		−39 7301	102365	16149	2725.	7133			11 41 45	−39 57	289 50	+20 43
4524		−35 7438	102397	16160	.				11 42 6	−35 21	288 34	+25 10
4525		−29 9337	102438	16162	2728.				11 42 16	−29 43	286 50	+30 35
4526		−57 4989	102461	16165	2729.	7138		VAR?	11 42 26	−57 8	294 25	+ 4 7
4527	93 LEO	+21 2358	102509	16173	2731.	7141			11 42 50	+20 46	235 0	+73 56
4528	4 VIR	+ 9 2549	102510	16171	2732.	7140			11 42 47	+ 8 48	261 27	+65 52
4529		− 9 3366	102574	16178	.				11 43 18	− 9 45	278 35	+49 34
4530	μ MUS	−66 1649	102584	16176	2734.	7142		VAR?	11 43 26	−66 16	296 45	− 4 42
4531		+15 2381	102590	16181	2735.	7146	8311		11 43 30	+14 50	251 3	+70 31
4532		−26 8789	102620	16183	2736.	7147			11 43 42	−26 12	286 0	+34 3
4533		+ 0 2843	102634	16187	.	7149			11 43 55	+ 0 14	271 43	+58 43
4534	94 β LEO	+15 2383	102647	16189	2738.	7151	8314	VAR?	11 43 58	+15 8	250 38	+70 49
4535		+17 2402	102660	16192	.	7153			11 44 5	+16 48	246 47	+71 56
4536		+35 2284	102713	16199	.	7156			11 44 30	+35 29	178 34	+74 40
4537		−63 1988	102776	16201	.	7157			11 44 49	−63 14	296 10	− 1 44
4538		−69 1595	102839	16206	2738.1	7158			11 45 9	−69 40	297 44	− 7 58
4539		−15 3363	102845	16210	.				11 45 14	−15 18	282 5	+44 32
4540	5 β VIR	+ 2 2489	102870	16215	2739.	7160			11 45 29	+ 2 20	270 27	+60 45
4541		−61 2677	102878	16213	.				11 45 33	−62 6	295 59	+ 0 36
4542		−26 8807	102888	16214	.				11 45 34	−26 43	286 40	+33 40
4543		+13 2465	102910	16219	.	7162	8320		11 45 48	+12 50	256 17	+69 28
4544		− 4 3152	102928	16220	.	7163			11 45 55	− 4 47	276 27	+54 24
4545		+34 2264	102942	16223	.	7164			11 45 58	+33 56	183 36	+75 34
4546		−44 7614	102964	16226	2741.	7165			11 46 9	−44 37	291 55	+16 25
4547		−11 3190	102990	16231	.		B	VAR?	11 46 18	−11 38	280 39	+48 4
4548		−30 9506	103026	16236	2743.	7167			11 46 38	−30 16	288 4	+30 19
4549		−64 1724	103079	16241	.	7168	I		11 46 58	−64 39	296 44	− 3 3
4550		+38 2285	103095	16253	2745.	7170			11 47 13	+38 26	168 19	+73 35

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
4501	11 41 34	+ 5 12	+31 45	−33	5.66 R	.	dF1	−0.348	+0.017	+.028	+ 32	.	.		
4502	11 41 20	+ 4 55	−43 5	−33	5.69 H	.	A0	−0.088	−0.009	.	+ 8V	.	.		
4503	11 41 44	+ 5 0	−32 30	−33	5.20	+1.48	K5III	−0.001	−0.049	+.008	+ 34	8.2	27.3	3	D
4504	11 42 28	+ 5 34	+66 45	−33	5.34 R	.	K3III	−0.048	+0.035	.	+ 3	.	.		
4505	11 42 6	+ 5 12	+22 13	−33	6.54 R	.	F2	−0.091	−0.070	.	− 23	.	.		
4506	11 42 4	+ 5 3	−20 17	−33	6.30 H	.	K0	−0.017	−0.055	.		.	.		
4507	11 41 3	+ 3 30	−83 6	−33	6.32	+1.08	gG8	−0.028	+0.010	.		4.1	22.3		
4508	11 43 27	+ 4 59	−37 11	−33	5.97	+1.46	K2	−0.007	−0.034	.		.	.		
4509	11 42 54	+ 4 15	−79 18	−33	6.38	+0.90	K0	+0.149	−0.014	.		.	.		
4510	11 43 55	+ 5 6	− 6 40	−33	6.23 H	.	gG8	+0.057	−0.046	.	− 3	.	.		
4511	11 43 31	+ 4 46	−62 29	−33	5.01	+0.80	G0Ia	−0.005	−0.010	+.029	+ 10V?	.	.		
4512	11 44 13	+ 5 12	+25 14	−33	6.02 R	.	K5	−0.018	+0.013	.	− 3	4.3	38.1		1
4513	11 43 53	+ 4 47	−62 52	−33	6.22 H	.	A0	+0.021	−0.028	.		.	.		
4514	11 44 46	+ 5 4	−18 21	−33	4.74	+0.96	G8III	+0.034	−0.038	+.022	− 5	.	.		G
4515	11 45 17	+ 5 9	+ 8 16	−33	5.07 R	.	A4	+0.061	−0.024	+.032	− 1	.	.		
4516	11 45 12	+ 4 55	−49 4	−33	6.24	+1.18	gK0	−0.039	+0.005	.		.	.		
4517	11 45 51	+ 5 8	+ 6 31	−34	4.02	+1.54	M1III	−0.018	−0.188	+.013	+ 51	.	.		
4518	11 46 3	+ 5 17	+47 47	−33	3.69 R	.	K0III	−0.138	+0.019	+.014	− 9	.	.		
4519	11 45 44	+ 4 57	−45 41	−33	5.28	−0.14	B8	−0.055	−0.001	.	− 7	.	.		
4520	11 45 36	+ 4 43	−66 43	−33	3.61	+0.16	A7II-III	−0.092	+0.027	.	+ 16	8.8	40.6		
4521	11 46 56	+ 5 21	+55 38	−33	5.22 R	.	K3III	+0.013	−0.038	.	+ 2	.	.		
4522	11 46 30	+ 4 50	−61 10	−33	4.10	+0.90	G3III	−0.026	−0.027	+.006	− 4	.	.		
4523	11 46 31	+ 4 46	−40 30	−33	4.90	+0.66	G5V	−1.538	+0.393	+.092	+ 15	.	.		G
4524	11 47 7	+ 5 1	−35 54	−33	6.16	+0.96	gG8	+0.028	−0.045	.		.	.		
4525	11 47 16	+ 5 0	−30 17	−34	6.48	+0.68	G5V	−0.281	−0.248	+.058	+ 12	.	.		
4526	11 47 19	+ 4 53	−57 41	−33	5.41	+1.68	gK6	−0.031	+0.006	−.004	− 52	.	.		
4527	11 47 59	+ 5 9	+20 13	−33	4.55	+0.54	A +G5III-IV	−0.150	−0.012	+.028	+ 0V	.	.		R
4528	11 47 55	+ 5 8	+ 8 15	−33	5.21 R	.	A1	−0.058	+0.006	+.012	− 1	.	.		
4529	11 48 23	+ 5 5	−10 19	−34	6.24	+0.58	G0	−0.102	−0.122	.		.	.		
4530	11 48 15	+ 4 49	−66 49	−33	4.71 H	.	gK3	+0.023	−0.026	+.008	+ 37	.	.		
4531	11 48 39	+ 5 9	+14 17	−33	5.86 R	.	A6*n*	−0.107	+0.000	+.047	+ 9	4.2	1.3		*
4532	11 48 45	+ 5 3	−26 45	−33	5.11	+1.58	M4III	−0.027	−0.017	+.012	+ 7	.	.		
4533	11 49 1	+ 5 6	− 0 19	−33	6.13 R	.	F8	−0.219	+0.004	.	+ 4	.	.		
4534	11 49 4	+ 5 6	+14 34	−34	2.14	+0.09	A3V	−0.496	−0.122	+.076	− 0	11.0	80.3	4	*
4535	11 49 15	+ 5 10	+16 15	−33	5.97 R	+0.26	A m	+0.053	−0.068	.	− 23V	.	.		R
4536	11 49 42	+ 5 12	+34 56	−33	5.72 R	.	F5	−0.115	−0.002	.	− 7V	.	.		R
4537	11 49 41	+ 4 52	−63 47	−33	4.31	−0.16	B3Vne	−0.021	−0.009	.	+ 37V	.	.		
4538	11 49 56	+ 4 47	−70 13	−33	4.96	+1.40	cG	−0.016	−0.008	+.004	+ 18	.	.		
4539	11 50 19	+ 5 5	−15 51	−33	6.29 H	.	K0	−0.016	+0.003	.		.	.		
4540	11 50 42	+ 5 13	+ 1 46	−34	3.61	+0.55	F8V	+0.742	−0.277	+.098	+ 5	.	.		
4541	11 50 27	+ 4 54	−62 39	−33	5.69	+0.25	A2Ia	−0.009	−0.015	.		.	.		
4542	11 50 37	+ 5 3	−27 16	−33	6.53 H	.	K0	−0.090	+0.002	.		.	.		
4543	11 50 56	+ 5 8	+12 17	−33	6.26BR	.	A3	−0.126	+0.007	.	+ 7	4.8	15.0		*
4544	11 51 2	+ 5 7	− 5 20	−33	5.81 H	.	K0IV	+0.001	−0.007	.	+ 12V	.	.		6
4545	11 51 10	+ 5 12	+33 23	−33	6.11 R	.	A m	−0.021	+0.012	.	+ 2	.	.		
4546	11 51 9	+ 5 0	−45 10	−33	4.44	+1.29	K4III	−0.088	−0.015	+.016	+ 2	.	.		
4547	11 51 22	+ 5 4	−12 11	−33	6.34	+0.41	F0	−0.217	+0.005	.		7.2	30.7		
4548	11 51 41	+ 5 3	−30 50	−34	5.84	+0.56	dF5	−0.016	−0.295	+.011	+ 33	.	.		
4549	11 51 52	+ 4 54	−65 12	−33	4.89	−0.12	B4IV	−0.034	−0.023	.	+ 26	2.6	2.1		*
4550	11 52 59	+ 5 46	+37 43	−43	6.45	+0.75	G8VI	+3.994	−5.800	+.116	− 98	.	.		N

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
4551		−56 4836	103101	16246	.		I		11 47 13	−56 26	294 53	+ 4 58
4552	β HYA	−33 8018	103192	16258	.	7174	I		11 47 51	−33 21	289 16	+27 25
4553		−34 7760	103266	16265	.				11 48 24	−34 31	289 43	+26 19
4554	64 γ UMA	+54 1475	103287	16268	2749.	7177		VAR?	11 48 34	+54 15	140 51	+61 23
4555		+ 1 2624	103313	16271	.	7178			11 48 43	+ 1 7	273 2	+60 3
4556		−56 4861	103400	16279	.				11 49 12	−56 51	295 15	+ 4 37
4557		−37 7536	103437	16280	2751.		I		11 49 25	−37 12	290 39	+23 46
4558		−25 8930	103462	16286	2754.	7185			11 49 37	−25 10	287 12	+35 25
4559	6 VIR	+ 9 2560	103484	16294	.	7188			11 49 55	+ 9 0	264 46	+67 2
4560	65 UMA	+47 1913	103483	16296	.	7189	8347A	VAR?	11 49 54	+47 2	149 8	+67 40
4561	65 UMA	+47 1914	103498	16298	.	7190	8347D		11 49 59	+47 2	149 6	+67 41
4562		+37 2230	103500	16299	.	7191			11 50 4	+37 19	170 26	+74 42
4563		−62 2408	103516	16295	.				11 50 1	−62 43	296 38	− 1 5
4564	95 LEO	+16 2319	103578	16311	2758.	7193			11 50 32	+16 12	251 39	+72 41
4565		−27 8384	103596	16312	.	7195			11 50 35	−27 55	288 20	+32 49
4566	66 UMA	+57 1343	103605	16315	.	7196			11 50 45	+57 9	137 45	+58 54
4567	30 η CRT	−16 3358	103632	16319	2759.	7199		VAR?	11 50 55	−16 36	284 28	+43 43
4568		−38 7410	103637	16314	.				11 50 50	−39 8	291 27	+21 57
4569		+62 1204	103736	16336	.	7204			11 51 40	+62 6	134 4	+54 23
4570		−46 7521	103746	16335	.				11 51 42	−46 31	293 21	+14 47
4571		−32 8413	103789	16344	.				11 51 59	−32 46	290 3	+28 11
4572		+41 2253	103799	16347	.	7205			11 52 6	+40 54	159 47	+72 40
4573		−61 2829	103884	16357	.	7207		VAR?	11 52 38	−61 54	296 45	+ 0 14
4574		+33 2174	103928	16368	.	7209	8368		11 52 59	+32 50	185 44	+77 20
4575		+62 1206	103953	16373	.	7212			11 53 8	+62 1	133 50	+54 31
4576		−55 4751	103961	16371	.	7211		VAR?	11 53 12	−55 46	295 34	+ 5 47
4577		−40 7041	103974	16374	.		I		11 53 16	−40 23	292 14	+20 50
4578		−63 2073	104035	16383	.				11 53 45	−63 47	297 16	− 2 3
4579		−25 8963	104039	16384	.		8371		11 53 48	−25 21	288 23	+35 29
4580		+ 1 2636	104055	16385	.	7213	8372		11 53 56	+ 1 5	275 27	+60 35
4581		+33 2176	104075	16392	.	7214	8374		11 54 9	+33 43	181 36	+77 13
4582		−51 6236	104081	16389	.				11 54 6	−51 8	294 44	+10 21
4583	ε CHA	−77 772	104174	16402	.	7215	I		11 54 39	−77 40	300 13	−15 37
4584		+34 2279	104179	16408	.	7217			11 54 49	+34 35	177 52	+76 57
4585	7 VIR	+ 4 2556	104181	16406	2766.	7216			11 54 50	+ 4 13	273 1	+63 30
4586		+81 389	104216	16414	.	7219			11 55 6	+81 25	125 25	+36 1
4587		− 9 3413	104304	16421	2767.	7221			11 55 36	− 9 53	283 5	+50 28
4588		−21 3443	104307	16420	.		8389		11 55 35	−21 17	287 36	+39 31
4589	8 π VIR	+ 7 2502	104321	16425	2768.	7224			11 55 45	+ 7 10	270 17	+66 13
4590		−18 3295	104337	16423	.	7222			11 55 44	−19 6	286 54	+41 38
4591		− 0 2520	104356	16426	.	7225			11 55 55	− 1 13	278 8	+58 39
4592		−56 4954	104430	16434	.				11 56 24	−56 57	296 14	+ 4 43
4593		+36 2230	104438	16439	2772.	7230			11 56 32	+36 36	169 44	+76 10
4594	67 UMA	+43 2179	104513	16445	2774.	7233			11 57 2	+43 36	151 54	+71 12
4595		−84 371	104555	16449	.		I		11 57 19	−85 4	301 56	−22 51
4596		−70 1454	104570	16451	.				11 57 22	−70 56	299 1	− 8 59
4597		−68 1604	104600	16455	.				11 57 31	−68 38	298 36	− 6 44
4598		− 6 3499	104625	16458	.				11 57 45	− 7 7	282 31	+53 16
4599	θ^1 CRU	−62 2543	104671	16463	2778.	7235	I		11 57 56	−62 45	297 32	+ 0 56
4600		−41 6938	104731	16472	2782.	7238			11 58 29	−41 52	293 35	+19 35

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
4551	11 52 10	+ 4 57	−56 59	−33	5.56	+0.07	A2	−0.117	+0.020	.		4.5	49.1	3	
4552	11 52 54	+ 5 3	−33 54	−33	4.28	−0.10	A0si	−0.055	−0.002	.010D	− 1	.4	2.1		2
4553	11 53 27	+ 5 3	−35 4	−33	6.16	+0.08	A2	−0.094	−0.033	.		.	.		
4554	11 53 49	+ 5 15	+53 42	−33	2.44	+0.00	A0V	+0.094	+0.004	+.020	− 13	.	.		G
4555	11 53 50	+ 5 7	+ 0 34	−33	6.37 R	.	A5	−0.040	−0.012	.	+ 10	.	.		
4556	11 54 12	+ 5 0	−57 24	−33	6.05	+0.05	A1	−0.012	−0.008	.		.	.		
4557	11 54 26	+ 5 1	−37 45	−33	6.45	+0.52	dF8	−0.316	+0.052	+.046		2.3	2.0		D
4558	11 54 43	+ 5 6	−25 43	−33	5.50 H	.	gG4	+0.047	+0.075	+.026	− 11	.	.		
4559	11 55 3	+ 5 8	+ 8 27	−33	5.43 R	.	gK0	−0.030	+0.011	.	− 10	.	.		
4560	11 55 6	+ 5 12	+46 29	−33	6.46 H	.	A0	+0.001	+0.000	.003D	− 8	.7	63.2	4	*
4561	11 55 11	+ 5 12	+46 29	−33	6.81 H	.	B9	−0.009	−0.003	.003D	− 7	.7	63.2	4	D
4562	11 55 14	+ 5 10	+36 46	−33	6.37 R	.	gM2	−0.055	−0.057	.	+ 19	.	.		
4563	11 54 59	+ 4 58	−63 16	−33	6.05 H	.	cA2	−0.022	−0.002	.		.	.		
4564	11 55 41	+ 5 9	+15 39	−33	5.47 R	+0.10	A3V	+0.010	−0.007	−.004	− 21V	.	.		R
4565	11 55 40	+ 5 5	−28 28	−33	6.12 H	.	gK5	+0.001	−0.034	.	+ 11	.	.		
4566	11 55 58	+ 5 13	+56 36	−33	5.84 R	.	gK0	+0.007	−0.005	.	+ 13	.	.		
4567	11 56 1	+ 5 6	−17 9	−33	5.17	−0.03	A0V	−0.053	−0.012	+.036	+ 15V?	.	.		
4568	11 55 55	+ 5 5	−39 41	−33	6.12	+1.01	K0	+0.042	−0.016	.		.	.		
4569	11 56 53	+ 5 13	+61 33	−33	6.20 R	.	G8III	−0.030	−0.044	.	+ 17	.	.		
4570	11 56 44	+ 5 2	−47 4	−33	6.26	+0.40	F3IV-V	−0.135	+0.006	.	+ 8	.	.		
4571	11 57 4	+ 5 5	−33 19	−33	6.20	−0.04	A0	−0.060	−0.004	.		.	.		
4572	11 57 15	+ 5 9	+40 20	−34	6.52 R	.	F5	−0.167	−0.071	.	+ 26	.	.		
4573	11 57 40	+ 5 2	−62 27	−33	5.56	−0.16	B3V	−0.019	−0.019	.	+ 16V	.	.		G
4574	11 58 7	+ 5 8	+32 16	−34	6.25 R	.	F0	−0.110	−0.070	.	+ 2	6.2	7.5		3
4575	11 58 21	+ 5 13	+61 28	−33	6.57 R	.	K0III	+0.042	−0.004	.	− 26	.	.		
4576	11 58 15	+ 5 3	−56 19	−33	5.64 H	.	B8	−0.020	−0.014	.	− 23	.	.		
4577	11 58 21	+ 5 5	−40 56	−33	6.77	+0.97	K0	−0.064	+0.013	.		2.5	3.5		2
4578	11 58 48	+ 5 3	−64 20	−33	5.60	+0.19	cA2	+0.004	−0.001	.		.	.		
4579	11 58 54	+ 5 6	−25 54	−33	6.42	+0.03	A0	−0.030	−0.028	.		.5	.1		D
4580	11 59 3	+ 5 7	+ 0 32	−33	6.35 R	.	gK3	−0.063	+0.022	.	+ 12	7.7	14.2		1
4581	11 59 18	+ 5 9	+33 10	−33	5.83BR	.	K2III	+0.004	−0.004	.	− 1	6.0	4.6		4
4582	11 59 11	+ 5 5	−51 41	−33	6.04	+1.28	K2	−0.018	−0.014	.		.	.		
4583	11 59 37	+ 4 58	−78 13	−33	4.90	−0.06	B9Vn	−0.038	−0.014	.012D	+ 22V	.8	2.1		2
4584	11 59 57	+ 5 8	+34 2	−33	6.18 R	.	F0	−0.064	+0.035	.	− 8	.	.		
4585	11 59 57	+ 5 7	+ 3 40	−33	5.19 R	.	A1	−0.019	−0.015	+.012	− 3	.	.		
4586	12 0 19	+ 5 13	+80 52	−33	6.24 R	.	M2III	−0.069	−0.038	.	+ 32	.	.		
4587	12 0 44	+ 5 8	−10 27	−34	5.55	+0.78	dG7	+0.123	−0.483	+.078	+ 0	.	.		
4588	12 0 42	+ 5 7	−21 50	−33	6.42 H	.	K0	+0.025	−0.001	.		7.1	11.7		
4589	12 0 52	+ 5 7	+ 6 37	−33	4.56 R	.	A4V	+0.000	−0.034	+.017	− 23V	.	.		*
4590	12 0 51	+ 5 7	−19 39	−33	5.28 H	.	B1.5V	−0.016	+0.007	.	+ 2V	.	.		R
4591	12 1 2	+ 5 7	− 1 47	−34	6.45 H	.	gG8	−0.016	−0.075	.	+ 36	.	.		
4592	12 1 29	+ 5 5	−57 30	−33	6.15	+0.00	A0	−0.071	−0.028	.		.	.		
4593	12 1 39	+ 5 7	+36 2	−34	5.46 R	.	gK1	−0.091	−0.091	+.027	+ 30	.	.		
4594	12 2 7	+ 5 5	+43 3	−33	5.00 R	.	A m	−0.322	+0.067	+.017	+ 6V?	.	.		
4595	12 2 21	+ 5 2	−85 37	−33	6.04	+1.29	K2	−0.052	+0.001	.		3.0	25.7		
4596	12 2 28	+ 5 6	−71 29	−33	6.41	+1.16	K0	−0.052	+0.007	.		.	.		
4597	12 2 38	+ 5 7	−69 11	−33	5.88	−0.08	B8	−0.044	−0.023	.		.	.		
4598	12 2 52	+ 5 7	− 7 40	−33	6.46 H	.	K5	−0.039	+0.014	.	− 8	.	.		
4599	12 3 2	+ 5 6	−63 18	−33	4.32	+0.28	A m	−0.146	−0.005	+.014	− 2V	9.3	4.5		*
4600	12 3 40	+ 5 11	−42 26	−34	5.14	+0.42	F4V	+0.324	−0.125	+.033	+ 37	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
4601		−73 924	104752	16474	.				11 58 35	−73 39	299 38	−11 38
4602	2 COM	+22 2437	104827	16489	.	7242	8406		11 59 9	+22 1	238 10	+77 51
4603	θ^2 CRU	−62 2561	104841	16490	.	7244		VAR?	11 59 10	−62 37	297 39	+ 0 47
4604		−67 1896	104878	16493	2785.	7245			11 59 29	−67 46	298 37	− 5 50
4605	κ CHA	−75 777	104902	16497	2787.	7247			11 59 36	−75 58	300 9	−13 54
4606		+86 176	104904	16496	.	7246			11 59 43	+86 8	123 59	+31 27
4607		−60 3697	104933	16503	.				11 59 48	−60 24	297 19	+ 1 25
4608	9 o VIR	+ 9 2583	104979	16512	2789.	7248			12 0 7	+ 9 17	270 3	+68 36
4609		+77 461	104985	16514	2792.	7252			12 0 10	+77 28	126 20	+39 54
4610		+63 999	105043	16524	.	7258	8417		12 0 37	+63 30	131 39	+53 24
4611		−64 1791	105071	16527	.				12 0 42	−64 59	298 14	− 3 5
4612		−35 7694	105078	16528	.			VAR?	12 0 48	−35 8	292 38	+26 17
4613		− 2 3460	105089	16530	.	7259			12 0 53	− 2 34	281 15	+57 50
4614		−67 1903	105138	16542	.				12 1 7	−68 6	298 50	− 6 8
4615		−65 1788	105151	16544	.		I		12 1 12	−65 9	298 19	− 3 14
4616	η CRU	−63 2145	105211	16551	2793.	7264	I		12 1 40	−64 3	298 10	− 2 9
4617		−74 880	105340	16572	2794.	7267			12 2 34	−74 49	300 8	−12 44
4618		−49 6813	105382	16576	.	7269	A		12 2 54	−50 6	295 56	+11 38
4619		−50 6688	105383	16575	.	7268	B		12 2 54	−50 12	295 57	+11 32
4620		−47 7396	105416	16581	.	7273			12 3 4	−48 8	295 37	+13 34
4621	δ CEN	−50 6697	105435	16584	2794.1	7275	C	VAR?	12 3 10	−50 10	295 59	+11 34
4622		−60 3777	105437	16585	.				12 3 11	−60 17	297 43	+ 1 36
4623	1 α CRV	−24 10174	105452	16586	2796.	7276			12 3 15	−24 10	290 39	+37 7
4624		−43 7502	105509	16592	.				12 3 43	−43 46	294 57	+17 54
4625		−40 7128	105521	16593	.	7280			12 3 44	−40 40	294 23	+20 57
4626	10 VIR	+ 2 2517	105639	16608	2801.	7284			12 4 34	+ 2 28	279 31	+62 52
4627		+75 469	105678	16612	.	7285			12 4 56	+75 13	126 38	+42 10
4628		−34 7956	105686	16613	.		I		12 4 53	−34 9	293 21	+27 24
4629	11 VIR	+ 6 2559	105702	16616	2802.1	7287			12 4 58	+ 6 22	276 17	+66 31
4630	2 ϵ CRV	−21 3487	105707	16618	2803.	7289		VAR?	12 4 59	−22 4	290 35	+39 16
4631		−37 7714	105776	16624	.				12 5 22	−37 19	294 5	+24 18
4632	3 COM	+17 2446	105778	16625	.	7293			12 5 26	+17 22	258 16	+76 0
4633		+28 2084	105805	16630	.	7295			12 5 41	+27 50	209 38	+80 57
4634		−60 3812	105841	16636	.				12 5 50	−60 43	298 6	+ 1 13
4635	3 CRV	−22 3305	105850	16638	2806.	7297			12 5 55	−23 3	291 7	+38 20
4636		−44 7845	105852	16634	.		I		12 5 51	−44 52	295 32	+16 52
4637		−50 6752	105920	16646	.				12 6 20	−50 48	296 36	+11 2
4638	ρ CEN	−51 6455	105937	16651	2808.1	7302			12 6 25	−51 49	296 47	+10 2
4639		+82 356	105943	16641	.	7299			12 6 30	+82 16	124 43	+35 16
4640	4 COM	+26 2316	105981	16659	.	7305			12 6 47	+26 26	218 42	+81 3
4641	68 UMA	+57 1359	106002	16658	.	7304			12 6 46	+57 37	133 30	+59 14
4642		+29 2265	106022	16664	.	7307			12 6 56	+29 6	201 24	+81 10
4643	5 COM	+21 2398	106057	16667	.	7309			12 7 4	+21 6	247 3	+78 52
4644		−62 2624	106068	16669	.				12 7 4	−62 24	298 30	+ 0 25
4645	S MUS	−69 1646	106111	16679	.	7313		S MUS	12 7 24	−69 36	299 38	− 7 32
4646		+78 412	106112	16672	2813.	7310			12 7 31	+78 10	125 39	+39 18
4647		−33 8252	106198	16687	.				12 8 2	−33 34	293 58	+28 5
4648		−38 7581	106231	16692	.	7319			12 8 13	−38 22	294 53	+23 22
4649		−77 804	106248	16698	.				12 8 18	−78 1	301 1	−15 50
4650	12 VIR	+11 2440	106251	16693	.	7320			12 8 20	+10 49	273 8	+70 54

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
4601	12 3 44	+ 5 9	−74 12	−33	6.43	+1.22	K0	−0.017	−0.005	.		.	.		
4602	12 4 16	+ 5 7	+21 28	−33	5.70BR	.	F m	+0.036	−0.011	.005D	+ 5	1.5	4.3		D
4603	12 4 19	+ 5 9	−63 10	−33	4.72	−0.09	B3IV	−0.016	−0.005	.	+ 16V	.	.		R
4604	12 4 39	+ 5 10	−68 19	−33	5.34	−0.02	A0V	−0.044	−0.023	+.008	+ 23V	.	.		
4605	12 4 47	+ 5 11	−76 31	−33	5.03	+1.49	gK3	−0.071	+0.039	−.004	− 2	.	.		
4606	12 4 28	+ 4 45	+85 35	−33	6.28 R	.	dF6	−0.058	+0.086	.	+ 8	.	.		
4607	12 4 57	+ 5 9	−60 57	−33	5.96	+1.68	gM0	−0.035	−0.045	.		.	.		
4608	12 5 13	+ 5 6	+ 8 44	−33	4.13 R	.	G8III	−0.221	+0.042	+.037	− 30	.	.		
4609	12 5 15	+ 5 5	+76 54	−34	5.80	+1.01	K0III-IV	+0.148	−0.094	+.011	− 20	.	.		
4610	12 5 40	+ 5 3	+62 56	−34	6.13	+0.17	K2III	−0.050	−0.079	.	− 26	5.4	2.0		3
4611	12 5 53	+ 5 11	−65 32	−33	6.32	+0.22	B8	−0.021	−0.024	.		.	.		
4612	12 5 56	+ 5 8	−35 41	−33	6.22	−0.08	B9	−0.040	−0.009	.		.	.		
4613	12 6 0	+ 5 7	− 3 7	−33	6.47 H	.	gG8	−0.033	−0.023	.	+ 17	.	.		
4614	12 6 20	+ 5 13	−68 39	−33	6.22	+1.24	K0	−0.003	+0.009	.		.	.		
4615	12 6 24	+ 5 12	−65 42	−33	5.92	+0.60	dF8+A3	−0.040	−0.010	.		1.7	8.9	3	D
4616	12 6 53	+ 5 13	−64 36	−33	4.14	+0.34	F0III	+0.034	−0.046	+.046	+ 9V?	5.7	44.0		6
4617	12 7 50	+ 5 16	−75 22	−33	5.17	+1.30	gK2	−0.087	+0.019	+.014	− 45	.	.		
4618	12 8 5	+ 5 11	−50 39	−33	4.46	−0.17	B6III	−0.041	−0.019	.	+ 17	1.7	368.	3	*
4619	12 8 5	+ 5 11	−50 45	−33	6.36	−0.06	B9	−0.043	−0.007	.	+ 15	1.7	368.	3	*
4620	12 8 15	+ 5 11	−48 41	−33	5.33	+0.00	A1V	−0.032	−0.027	.	+ 6V	.	.		
4621	12 8 21	+ 5 11	−50 43	−33	2.88 H	.	B2?V?pe	−0.037	−0.020	+.020	+ 9V	2.0	.		*
4622	12 8 24	+ 5 13	−60 50	−33	6.22	+1.74	K2	−0.010	−0.010	.		.	.		
4623	12 8 24	+ 5 9	−24 43	−33	4.03	+0.31	F2V	+0.083	−0.048	+.053	+ 4	.	.		G
4624	12 8 53	+ 5 10	−44 19	−33	5.74	+0.25	A3III	−0.053	−0.059	.		.	.		
4625	12 8 54	+ 5 10	−41 13	−33	5.47	−0.09	B3	−0.031	−0.014	.	+ 0V?	.	.		
4626	12 9 41	+ 5 7	+ 1 54	−34	6.01 R	.	gK3	+0.043	−0.184	+.008	+ 3	.	.		
4627	12 9 47	+ 4 51	+74 40	−33	6.29 R	.	F5	+0.001	+0.002	.	− 19	.	.		
4628	12 10 3	+ 5 10	−34 42	−33	6.16	+0.03	A0	−0.057	−0.025	.006D		2.3	3.5		2
4629	12 10 4	+ 5 6	+ 5 49	−33	5.66 R	.	A m	−0.160	+0.015	+.020	− 9	.	.		
4630	12 10 8	+ 5 9	−22 37	−33	3.00	+1.32	K3III	−0.069	+0.007	+.020	+ 5	.	.		
4631	12 10 33	+ 5 11	−37 52	−33	6.05	+0.21	A2	−0.036	−0.034	.		.	.		
4632	12 10 32	+ 5 6	+16 49	−33	6.30 R	+0.06	A2V	−0.020	−0.009	.	− 11	.	.		
4633	12 10 46	+ 5 5	+27 17	−33	6.04	+0.11	A3V	−0.009	−0.019	.	− 9V	.	.		*
4634	12 11 4	+ 5 14	−61 16	−33	6.07	+0.40	F0	−0.131	−0.031	.		.	.		
4635	12 11 4	+ 5 9	−23 36	−33	5.45	+0.06	A2	−0.065	−0.024	+.017	+ 11	.	.		
4636	12 11 3	+ 5 12	−45 25	−33	6.61	+1.08	K0	−0.025	−0.002	.		4.3	2.9		7
4637	12 11 32	+ 5 12	−51 22	−34	6.22	+0.82	K0	−0.214	−0.076	.		.	.		
4638	12 11 39	+ 5 14	−52 22	−33	3.96	−0.16	B4V	−0.041	−0.026	+.026	+ 21V	.	.		
4639	12 11 0	+ 4 30	+81 43	−33	6.15 R	.	gK5	−0.028	+0.001	.	− 27	.	.		
4640	12 11 51	+ 5 4	+25 53	−33	5.63 R	.	gK4	−0.046	−0.033	.	+ 22V	.	.		R
4641	12 11 45	+ 4 59	+57 4	−33	6.38 R	.	gK5	+0.007	−0.019	.	+ 35	.	.		
4642	12 12 1	+ 5 5	+28 32	−34	6.30 R	.	F2	+0.096	−0.076	.	− 15	.	.		G
4643	12 12 9	+ 5 5	+20 33	−33	5.56 R	.	gG8	−0.018	−0.029	.	− 25	.	.		
4644	12 12 22	+ 5 18	−62 57	−33	5.92	+0.29	B9Ia	−0.003	−0.011	.	− 2	.	.		
4645	12 12 47	+ 5 23	−70 9	−33	5.90	+0.80	cF6	−0.010	−0.021	.	+ 0V	.	.		
4646	12 12 12	+ 4 41	+77 37	−33	4.95 R	.	A m	+0.009	+0.017	+.027	− 0V	.	.		R
4647	12 13 13	+ 5 11	−34 7	−33	6.64 H	.	M4	−0.035	−0.013	.		.	.		
4648	12 13 25	+ 5 12	−38 55	−33	5.75	−0.14	B3	−0.009	−0.014	.	− 47V	.	.		
4649	12 13 56	+ 5 38	−78 34	−33	6.34	+1.24	K2	−0.018	−0.010	.		.	.		
4650	12 13 25	+ 5 5	+10 16	−33	5.79 R	+0.27	A m	−0.096	−0.021	.	+ 2	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
4651		−33 8257	106257	16696	.		I		12 8 25	−33 14	293 59	+28 26
4652		−45 7630	106321	16703	2816.	7322	I		12 8 49	−45 10	296 8	+16 40
4653		−63 2203	106343	16707	.	7324			12 8 56	−63 51	298 56	− 1 49
4654		+54 1504	106478	16721	.	7330			12 9 46	+53 59	134 57	+62 50
4655		−20 3606	106485	16723	.	7331			12 9 49	−20 17	291 34	+41 14
4656	δ CRU	−58 4189	106490	16724	2819.1	7332		VAR?	12 9 50	−58 12	298 14	+ 3 47
4657		− 9 3468	106516	16731	2820.	7335			12 10 2	− 9 44	288 29	+51 34
4658		−41 7056	106572	16734	2821.				12 10 19	−41 21	295 49	+20 28
4659		+71 610	106574	16733	2822.	7336			12 10 23	+70 45	127 24	+46 37
4660	69 δ UMA	+57 1363	106591	16736	2824.	7337		VAR?	12 10 29	+57 35	132 35	+59 25
4661		−22 3322	106612	16739	.		8481		12 10 36	−22 48	292 24	+38 47
4662	4 γ CRV	−16 3424	106625	16740	.	7338		VAR?	12 10 40	−16 59	290 59	+44 31
4663	6 COM	+15 2436	106661	16747	2826.	7341			12 10 56	+15 27	267 9	+75 15
4664		−71 1323	106676	16749	.				12 10 52	−72 3	300 17	− 9 55
4665		+73 549	106677	16744	.	7339			12 11 0	+73 7	126 40	+44 18
4666	2 CVN	+41 2284	106690	16750	.	7343	8489		12 11 7	+41 13	149 0	+74 37
4667	7 COM	+24 2443	106714	16752	2827.	7346			12 11 17	+24 30	232 51	+81 28
4668		+33 2213	106760	16754	2828.	7347			12 11 29	+33 37	172 40	+80 23
4669		−64 1844	106797	16760	.				12 11 42	−65 8	299 24	− 3 3
4670		−15 3442	106819	16762	.				12 11 54	−16 8	291 9	+45 24
4671	ε MUS	−67 1931	106849	16764	2830.	7353		VAR?	12 12 10	−67 24	299 45	− 5 17
4672		+54 1510	106884	16767	.	7355			12 12 34	+53 45	134 15	+63 11
4673		+29 2275	106887	16766	.	7354	8501		12 12 28	+29 30	197 18	+82 17
4674	β CHA	−78 741	106911	16775	.	7361			12 12 28	−78 45	301 20	−16 32
4675		−35 7842	106922	16770	.		I		12 12 34	−35 32	295 21	+26 18
4676		+15 2442	106926	16771	.	7357			12 12 39	+15 42	268 0	+75 41
4677		− 3 3262	106975	16781	.	7365	8505B		12 13 2	− 3 23	287 9	+57 55
4678		− 3 3263	106976	16782	.	7366	8505A		12 13 2	− 3 24	287 9	+57 54
4679	ζ CRU	−63 2235	106983	16785	.	7369	I		12 13 1	−63 27	299 19	− 1 22
4680		+31 2350	107054	16789	.	7370			12 13 29	+30 49	187 31	+82 7
4681	13 VIR	+ 0 2920	107070	16790	.	7372			12 13 33	− 0 14	285 50	+61 0
4682		−54 5113	107079	16792	2834.	7375	I		12 13 40	−54 35	298 16	+ 7 27
4683		+87 107	107113	16778	2835.	7362			12 13 56	+86 59	123 34	+30 39
4684		+26 2326	107131	16795	.	7377			12 14 0	+26 34	219 49	+82 40
4685	8 COM	+23 2448	107168	16799	.	7383			12 14 16	+23 35	240 32	+81 39
4686		+88 71	107192	16763	.	7352			12 14 23	+88 15	123 21	+29 24
4687		+75 470	107193	16797	2837.	7379			12 14 21	+75 43	125 44	+41 47
4688	9 COM	+28 2106	107213	16804	2839.	7387			12 14 29	+28 43	202 44	+82 51
4689	15 η VIR	+ 0 2926	107259	16813	2840.	7391		VAR?	12 14 47	− 0 7	286 23	+61 11
4690	3 CVN	+49 2130	107274	16814	.	7392			12 14 53	+49 32	136 29	+67 18
4691		−21 3511	107295	16822	.	7394	8515		12 15 0	−21 37	293 27	+40 8
4692		−65 1842	107301	16824	.	7395			12 14 59	−65 17	299 46	− 3 9
4693		+27 2114	107325	16829	.	7399		VAR?	12 15 18	+27 11	215 14	+83 2
4694		+26 2329	107326	16827	2841.	7397			12 15 17	+26 34	220 14	+82 57
4695	16 VIR	+ 4 2604	107328	16828	2842.	7398		VAR?	12 15 16	+ 3 52	284 15	+65 3
4696	5 ζ CRV	−21 3514	107348	16830	.	7400	8517		12 15 23	−21 40	293 34	+40 6
4697	11 COM	+18 2592	107383	16835	.	7404	8521		12 15 40	+18 21	264 6	+78 17
4698		+27 2115	107398	16833	.	7403	8519A		12 15 39	+27 37	211 41	+83 9
4699		−12 3614	107418	16841	2843.	7407			12 15 46	−13 1	291 40	+48 38
4700	ε CRU	−59 4188	107446	16849	2844.	7411		VAR?	12 15 58	−59 51	299 14	+ 2 15

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
4651	12 13 36	+ 5 11	−33 47	−33	6.35 H	.	B9	−0.011	−0.018	.		2.2	1.7		3
4652	12 14 3	+ 5 14	−45 43	−33	5.30	+1.43	gM0	−0.049	−0.004	+.001	+ 7V	1.2	3.2		*
4653	12 14 17	+ 5 21	−64 24	−33	6.23	+0.10	B2Ia	−0.007	−0.009	.	− 7	.	.		
4654	12 14 43	+ 4 57	+53 26	−33	6.12 R	.	gK0	−0.019	−0.021	.	+ 0	.	.		
4655	12 14 59	+ 5 10	−20 50	−33	5.98 H	.	gG7	+0.000	−0.003	.	+ 16	.	.		
4656	12 15 9	+ 5 19	−58 45	−33	2.82	−0.24	B2IV	−0.037	−0.017	−.003	+ 26	.	.		
4657	12 15 11	+ 5 9	−10 19	−35	6.11	+0.46	F6V	+0.031	−1.024	+.028	+ 6	.	.		
4658	12 15 30	+ 5 11	−41 55	−34	6.25	+1.01	K0	−0.337	−0.183	+.018	+ 25	.	.		
4659	12 15 9	+ 4 46	+70 12	−33	5.72 R	.	gK2	−0.025	−0.024	+.013	− 14	.	.		
4660	12 15 26	+ 4 57	+57 2	−33	3.31	+0.08	A3V	+0.106	+0.003	+.052	− 13	.	.		G
4661	12 15 47	+ 5 11	−23 21	−33	6.42 H	.	F5	+0.037	−0.038	.016D		.5	1.2		2
4662	12 15 49	+ 5 9	−17 32	−33	2.60	−0.11	B8III	−0.162	+0.015	.	− 4V	.	.		G
4663	12 16 1	+ 5 5	+14 54	−33	5.08 R	+0.05	A2V	−0.084	−0.035	+.023	+ 10V	.	.		6
4664	12 16 23	+ 5 31	−72 36	−33	6.21	−0.02	A0	−0.041	−0.038	.		.	.		
4665	12 15 42	+ 4 42	+72 34	−33	5.42 R	.	K0	−0.015	−0.039	.	− 48V	.	.		6
4666	12 16 8	+ 5 1	+40 40	−33	5.60 R	.	M1III	+0.016	−0.039	.004D	− 15	2.3	11.9		D
4667	12 16 20	+ 5 3	+23 57	−33	4.88 R	.	K0III	−0.029	−0.014	+.006	− 28	.	.		
4668	12 16 31	+ 5 2	+33 3	−34	5.35 R	.	K1III	−0.049	−0.122	+.023	− 42V	.	.		R
4669	12 17 7	+ 5 25	−65 41	−33	6.05	+0.03	A0	−0.047	−0.013	.		.	.		
4670	12 17 3	+ 5 9	−16 41	−33	5.96 H	.	A2	−0.050	−0.003	.		.	.		
4671	12 17 34	+ 5 24	−67 57	−33	4.16 H	.	gM5	−0.234	−0.036	+.038	+ 7V	.	.		
4672	12 17 30	+ 4 56	+53 12	−33	5.83 R	.	gK6	+0.034	−0.054	.	− 41	.	.		
4673	12 17 30	+ 5 2	+28 57	−33	5.66 R	+0.16	A4V	−0.043	+0.032	.	− 7	4.1	8.3		3
4674	12 18 20	+ 5 52	−79 18	−33	4.25	−0.13	B6V	−0.034	+0.008	.	+ 23	.	.		
4675	12 17 47	+ 5 13	−36 5	−33	6.14	+0.01	A0	−0.044	−0.013	.004D		.3	1.1		2
4676	12 17 44	+ 5 5	+15 9	−33	6.40 R	.	K0	+0.043	−0.070	.	− 42V	.	.		6
4677	12 18 10	+ 5 8	− 3 56	−33	6.97 H	.	dF5	−0.019	+0.011	.016D	+ 1	.5	20.3		D
4678	12 18 10	+ 5 8	− 3 57	−33	6.65 H	.	dF4	−0.015	+0.019	.016D	− 1	.5	20.3		D
4679	12 18 26	+ 5 25	−64 0	−33	4.04	−0.18	B3IV	−0.044	−0.023	.	+ 19	10.0	33.8		G
4680	12 18 32	+ 5 3	+30 15	−34	6.09 R	.	A7n	+0.090	−0.130	.	− 18V?	.	.		
4681	12 18 41	+ 5 8	− 0 47	−33	5.92 H	.	A3	+0.027	−0.021	.	− 14	.	.		
4682	12 19 0	+ 5 20	−55 8	−33	5.00	+1.60	gM3	−0.078	−0.028	+.004	− 7V	7.0	35.9		6
4683	12 16 52	+ 2 56	+86 26	−33	6.33	+0.43	F4V	+0.210	−0.009	+.033	− 6	.	.		
4684	12 19 3	+ 5 3	+26 1	−33	6.48	+0.18	A3	−0.004	−0.027	.	+ 0	.	.		G
4685	12 19 19	+ 5 3	+23 2	−33	6.27	+0.17	A m	−0.022	−0.018	.	+ 1	.	.		G
4686	12 15 20	+ 0 57	+87 42	−33	6.21 R	.	F2III	−0.031	+0.052	.	− 4	.	.		
4687	12 18 50	+ 4 29	+75 10	−33	5.42 R	.	A1	−0.032	+0.001	+.015	− 4V?	.	.		
4688	12 19 29	+ 5 0	+28 9	−34	6.20 R	.	dF8	−0.198	−0.134	+.021	− 8	.	.		
4689	12 19 54	+ 5 7	− 0 40	−33	3.88	+0.02	A2V	−0.063	−0.025	+.010	+ 2V	.	.		R
4690	12 19 48	+ 4 55	+48 59	−33	5.31 R	.	gM1	−0.010	−0.004	.	+ 8	.	.		
4691	12 20 11	+ 5 11	−22 10	−33	5.96	+0.83	dG2	−0.111	−0.032	.008D	− 1	2.0	1.2		2
4692	12 20 28	+ 5 29	−65 50	−33	6.20	−0.04	B9	−0.047	−0.027	.	− 8	.	.		
4693	12 20 20	+ 5 2	+26 38	−33	5.47 R	.	gK2	−0.066	−0.112	.	− 10	.	.		
4694	12 20 18	+ 5 1	+26 1	−33	6.08 R	.	A5	−0.145	+0.014	+.058	+ 8V	.	.		G
4695	12 20 21	+ 5 5	+ 3 19	−33	4.95	+1.13	K1III	−0.292	−0.072	−.005	+ 35	.	.		
4696	12 20 34	+ 5 11	−22 13	−33	5.30 H	−0.11	B8	−0.097	−0.035	.	+ 2V?	8.3	7.8		*
4697	12 20 43	+ 5 3	+17 48	−33	4.78 R	.	G8III	−0.113	+0.081	.	+ 42	8.0	9.3		3
4698	12 20 41	+ 5 2	+27 4	−33	7.00 H	.	dF2	−0.001	−0.119	.008D	− 18	.1	9.0		D
4699	12 20 56	+ 5 10	−13 34	−33	5.36 H	.	K1III	+0.001	+0.012	+.012	+ 13	.	.		
4700	12 21 22	+ 5 24	−60 24	−33	3.58	+1.42	gK3	−0.176	+0.074	+.017	− 5	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
4701	70 UMA	+58 1371	107465	16843	.	7409			12 16 0	+58 25	130 48	+58 47
4702		−55 5019	107543	16856	.				12 16 34	−55 49	298 50	+ 6 16
4703	ζ^2 MUS	−66 1747	107566	16857	2845.	7417	I		12 16 34	−66 58	300 8	− 4 48
4704	ζ^1 MUS	−67 1939	107567	16860	.				12 16 37	−67 45	300 13	− 5 35
4705		+25 2498	107655	16866	.	7423			12 17 9	+25 19	231 1	+83 0
4706		−56 5202	107696	16877	.	7431			12 17 24	−57 7	299 6	+ 5 0
4707	12 COM	+26 2337	107700	16873	2850.	7428	8530		12 17 29	+26 24	222 27	+83 24
4708	17 VIR	+ 6 2599	107705	16871	2849.	7426	8531		12 17 27	+ 5 52	284 7	+67 8
4709		−85 343	107739	16903	.				12 17 37	−85 36	302 28	−23 18
4710		−66 1752	107773	16882	2851.				12 17 51	−67 5	300 16	− 4 54
4711	6 CRV	−24 10314	107815	16887	.	7434			12 18 9	−24 17	294 53	+37 36
4712		−34 8117	107832	16892	.	7436			12 18 20	−34 51	296 33	+27 8
4713		−38 7700	107833	16893	.				12 18 20	−38 45	297 4	+23 15
4714		−38 7701	107860	16896	.	7439			12 18 29	−38 21	297 3	+23 39
4715	4 CVN	+43 2218	107904	16899	.	7443			12 18 52	+43 6	141 14	+73 35
4716	5 CVN	+52 1626	107950	16906	2854.	7445			12 19 10	+52 7	133 4	+65 1
4717	13 COM	+26 2344	107966	16910	2855.	7447			12 19 18	+26 39	221 0	+83 51
4718		−40 7281	107998	16920	.		I		12 19 27	−40 50	297 34	+21 13
4719		+26 2345	108007	16911	.	7450	8539		12 19 26	+26 8	225 43	+83 45
4720		−65 1862	108054	16927	.				12 19 43	−65 13	300 15	− 3 2
4721		−41 7163	108063	16928	.				12 19 51	−41 57	297 46	+20 7
4722		−10 3467	108107	16931	.				12 20 2	−11 3	292 44	+50 45
4723		−27 8670	108110	16936	.				12 20 4	−27 11	295 53	+34 47
4724		−34 8146	108114	16938	.	7458		VAR?	12 20 5	−34 38	296 56	+27 23
4725		+24 2455	108123	16940	2860.	7459			12 20 13	+24 29	239 50	+83 17
4726	71 UMA	+57 1373	108135	16934	.	7455			12 20 16	+57 20	130 10	+59 58
4727		+64 896	108150	16941	.	7460			12 20 27	+64 22	127 46	+53 4
4728	6 CVN	+39 2521	108225	16948	2865.	7468			12 20 55	+39 34	145 32	+76 58
4729		−62 2742	108250	16951	.	7470			12 20 57	−62 34	300 7	+ 0 23
4730	α^1 CRU	−62 2745	108248	16952	.	7471	IA		12 21 2	−62 33	300 8	+ 0 22
4731	α^2 CRU	−62 2745	108249	16953	.	7472	IB		12 21 3	−62 33	300 8	+ 0 22
4732		−50 6975	108257	16954	.	7473	I		12 21 7	−50 54	298 59	+11 14
4733	14 COM	+28 2115	108283	16955	2866.	7474			12 21 24	+27 49	210 4	+84 25
4734		−48 7426	108309	16957	2867.				12 21 31	−48 21	298 47	+13 47
4735		−32 8713	108323	16959	.				12 21 35	−32 17	296 59	+29 45
4736		−63 2283	108355	16968	.	7481			12 21 49	−63 14	300 17	− 1 2
4737	15 γ COM	+29 2288	108381	16964	2868.	7478			12 21 57	+28 49	199 40	+84 27
4738	16 COM	+27 2134	108382	16965	2869.	7479			12 21 59	+27 23	214 37	+84 32
4739		−58 4289	108396	16969	2870.	7482			12 21 58	−58 26	299 50	+ 3 45
4740		+72 565	108399	16960	2871.	7476			12 22 4	+72 29	125 41	+45 4
4741		+ 9 2628	108471	16982	.	7488			12 22 37	+ 9 10	284 56	+70 39
4742		−15 3471	108477	16986	.	7490			12 22 38	−16 5	294 47	+45 52
4743	σ CEN	−49 7115	108483	16990	.	7492			12 22 38	−49 41	299 6	+12 28
4744		−63 2297	108501	16994	.				12 22 42	−63 47	300 26	− 1 34
4745	73 UMA	+56 1598	108502	16985	.	7489			12 22 50	+56 16	129 54	+61 5
4746		− 3 3298	108506	16989	.	7491			12 22 44	− 4 4	291 52	+57 45
4747		−61 3209	108530	16996	.				12 22 51	−61 14	300 13	+ 0 58
4748		−38 7753	108541	17001	.	7497			12 23 3	−38 29	298 2	+23 37
4749		−55 5084	108570	17003	2875.		I		12 23 7	−55 51	299 45	+ 6 20
4750		+27 2138	108642	17005	.	7500			12 23 39	+26 47	221 34	+84 49

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
4701	12 20 51	+ 4 51	+57 52	−33	5.55 R	.	gK5	+0.041	−0.078	.	− 43	.	.		
4702	12 21 58	+ 5 24	−56 22	−33	5.95 H	.	M1	−0.006	−0.025	.		.	.		
4703	12 22 8	+ 5 34	−67 31	−33	5.14	+0.19	A5m	−0.018	−0.018	+.002	− 17V?	5.4	32.6		
4704	12 22 12	+ 5 35	−68 18	−33	5.73	+1.04	gG9	−0.006	−0.069	.		.	.		
4705	12 22 11	+ 5 2	+24 46	−33	6.01 R	−0.02	A0V	−0.063	−0.014	.	− 3	.	.		
4706	12 22 49	+ 5 25	−57 40	−33	5.38	−0.10	B8Vp	−0.044	−0.026	.	+ 1V	.	.		
4707	12 22 31	+ 5 2	+25 51	−33	4.83	+0.50	G0III-IV+A3V	−0.009	−0.015	+.011	+ 1V	3.5	66.1	3	*
4708	12 22 32	+ 5 5	+ 5 19	−33	6.42 R	.	dF7	−0.167	−0.058	+.021	+ 5	2.8	20.3		D
4709	12 25 38	+ 8 1	−86 9	−33	6.32	+1.08	gK2	−0.008	−0.012	.		.	.		
4710	12 23 14	+ 5 23	−67 38	−33	6.35	+0.89	K0IV-V	−0.748	+0.243	+.010	+ 31	.	.		
4711	12 23 22	+ 5 13	−24 50	−33	5.67	+1.16	gK1	−0.022	−0.019	.	− 2	.	.		
4712	12 23 36	+ 5 16	−35 24	−33	5.42 H	.	B9III	−0.039	−0.018	.	− 10	.	.		
4713	12 23 37	+ 5 17	−39 18	−33	6.39	+0.30	A5	−0.015	−0.024	.		.	.		
4714	12 23 46	+ 5 17	−38 54	−33	5.90 H	.	B9	−0.042	−0.009	.	− 8	.	.		
4715	12 23 47	+ 4 55	+42 33	−33	5.93 R	.	F0	−0.077	+0.006	.	− 10	.	.		6
4716	12 24 1	+ 4 51	+51 34	−33	4.82 R	.	G7III	+0.011	+0.007	+.036	− 13V?	.	.		
4717	12 24 19	+ 5 1	+26 6	−33	5.18	+0.08	A3V	−0.016	−0.016	+.006	+ 1	.	.		G
4718	12 24 45	+ 5 18	−41 23	−33	6.24	+1.20	K0	−0.070	−0.079	.		2.4	10.3		7
4719	12 24 27	+ 5 1	+25 35	−33	6.42	+0.27	A6n	−0.015	−0.009	.012D	− 8	1.2	1.2		*
4720	12 25 18	+ 5 35	−65 46	−33	6.29	+0.96	gK0	−0.070	−0.133	.		.	.		
4721	12 25 9	+ 5 18	−42 30	−33	6.10	+0.66	d?G2	−0.155	−0.037	.		.	.		
4722	12 25 12	+ 5 10	−11 36	−33	5.94	+0.03	A0	−0.068	−0.030	.		.	.		
4723	12 25 18	+ 5 14	−27 44	−33	6.34 H	.	K0	−0.008	−0.015	.		.	.		
4724	12 25 21	+ 5 16	−35 11	−33	5.77 H	.	B9III	−0.039	−0.013	.	− 11	.	.		
4725	12 25 15	+ 5 2	+23 56	−33	6.03	+1.10	K0III	+0.059	−0.045	+.004	− 5	.	.		G
4726	12 25 3	+ 4 47	+56 47	−33	5.81 R	.	gM3	−0.014	−0.024	.	− 17	.	.		
4727	12 25 7	+ 4 40	+63 49	−33	6.26 R	.	G5	−0.019	−0.002	.	− 4	.	.		
4728	12 25 51	+ 4 56	+39 1	−33	5.04 R	.	G8III-IV	−0.075	−0.038	+.029	− 4	.	.		
4729	12 26 31	+ 5 34	−63 7	−33	5.14 H	.	B4IV	−0.036	−0.038	.	+ 27V	.	.		D
4730	12 26 36	+ 5 34	−63 6	−33	1.58 H	.	B1IV	−0.032	−0.027	.008D	− 11V	.5	5.6		*
4731	12 26 37	+ 5 34	−63 6	−33	2.09 H	.	B3n	−0.036	−0.022	.008D	− 1V	.5	5.6		*
4732	12 26 31	+ 5 24	−51 27	−33	4.81	−0.14	B4IV	−0.050	−0.026	.	+ 24V	8.5	23.5		
4733	12 26 24	+ 5 0	+27 16	−33	4.95	+0.27	F0p	−0.015	−0.014	+.011	− 4	.	.		G
4734	12 26 48	+ 5 17	−48 54	−33	6.25	+0.68	G5IV-V	−0.639	−0.091	+.036	+ 29	.	.		
4735	12 26 51	+ 5 16	−32 50	−33	5.68 H	.	A0	−0.010	−0.042	.		.	.		
4736	12 27 25	+ 5 36	−63 47	−33	6.20 H	+0.06	B8	−0.029	−0.031	.	+ 42	.	.		M
4737	12 26 56	+ 4 59	+28 16	−33	4.40 R	.	K1III-IV	−0.084	−0.088	+.002	+ 4	.	.		
4738	12 26 59	+ 5 0	+26 50	−33	5.00	+0.08	A4V	−0.007	−0.016	+.021	+ 2	.	.		G
4739	12 27 29	+ 5 31	−58 59	−33	5.43 H	.	gM4	−0.028	−0.008	+.003	+ 71	.	.		
4740	12 26 24	+ 4 20	+71 56	−33	6.31 R	.	gG8	−0.155	−0.021	+.005	+ 6	.	.		
4741	12 27 42	+ 5 5	+ 8 37	−33	6.30 R	.	G8III	+0.018	−0.016	.	− 6	.	.		
4742	12 27 49	+ 5 11	−16 38	−33	6.46 H	.	gG4	−0.020	−0.003	.	− 8	.	.		
4743	12 28 3	+ 5 25	−50 14	−33	3.90	−0.20	B2V	−0.026	−0.026	.	+ 12	.	.		
4744	12 28 19	+ 5 37	−64 20	−33	6.03	+0.02	A0	−0.062	−0.040	.		.	.		
4745	12 27 35	+ 4 45	+55 43	−33	5.61 R	.	gM2	−0.025	−0.016	.	+ 17	.	.		
4746	12 27 52	+ 5 8	− 4 37	−33	6.03 H	.	A8n	−0.088	−0.006	.	− 12V	.	.		*
4747	12 28 25	+ 5 34	−61 47	−33	6.21	+1.26	K0	−0.030	−0.027	.		.	.		
4748	12 28 22	+ 5 19	−39 2	−33	5.60 H	.	B8	−0.029	−0.022	.	+ 5	.	.		
4749	12 28 34	+ 5 27	−56 25	−34	6.14	+0.92	dG8	−0.237	−0.233	+.014	+ 7V	6.0	49.0	3	
4750	12 28 39	+ 5 0	+26 14	−33	6.54	+0.18	A m	−0.020	−0.019	.	+ 3V	.	.		*

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
4751		+26 2353	108651	17007	.	7502	8568BC		12 23 45	+26 27	225 12	+84 46
4752	17 COM	+26 2354	108662	17012	2876.	7503	8568A	VAR?	12 23 55	+26 28	225 8	+84 49
4753	18 COM	+24 2464	108722	17020	.	7510			12 24 27	+24 40	242 56	+84 12
4754		−55 5097	108732	17023	.				12 24 23	−55 58	299 57	+ 6 14
4755		−41 7219	108759	17030	.				12 24 36	−41 11	298 38	+20 58
4756	20 COM	+21 2424	108765	17026	.	7513			12 24 42	+21 27	263 12	+82 2
4757	7 δ CRV	−15 3482	108767	17029	2880.	7515	8572A	VAR?	12 24 41	−15 58	295 28	+46 3
4758		−12 3647	108799	17036	2881.	7517	8573		12 24 55	−12 50	294 58	+49 10
4759		−22 3383	108821	17039	.	7519		VAR?	12 25 3	−23 9	296 42	+38 55
4760	74 UMA	+59 1444	108844	17038	2881.1	7518			12 25 17	+58 57	128 20	+58 30
4761	7 CVN	+52 1631	108845	17040	2882.	7520			12 25 19	+52 5	130 54	+65 16
4762	75 UMA	+59 1446	108861	17042	.	7521			12 25 23	+59 19	128 12	+58 8
4763	γ CRU	−56 5272	108903	17052	.	7528	IA	VAR?	12 25 37	−56 33	300 10	+ 5 40
4764		−56 5274	108925	17055	.		IB		12 25 44	−56 32	300 11	+ 5 41
4765	4 DRA	+70 700	108907	17046	2883.	7523		VAR?	12 25 44	+69 45	125 45	+47 48
4766	21 COM	+25 2517	108945	17056	.	7530		UU COM	12 26 1	+25 7	240 51	+84 44
4767		+53 1554	108954	17053	.	7529			12 26 5	+53 37	129 58	+63 47
4768		−58 4344	108968	17065	2884.	7536			12 26 5	−58 52	300 25	+ 3 22
4769		−72 1261	108970	17075	.				12 26 7	−72 27	301 30	−10 11
4770		+ 8 2609	108985	17063	.	7535			12 26 16	+ 8 9	288 17	+69 54
4771		−62 2805	109000	17072	.				12 26 16	−62 57	300 45	+ 0 42
4772		− 4 3296	109014	17071	.	7539			12 26 30	− 4 30	293 43	+57 28
4773	γ MUS	−71 1336	109026	17086	.	7545			12 26 29	−71 35	301 28	− 9 19
4774		−31 9746	109074	17085	.				12 26 47	−31 59	298 12	+30 10
4775	8 η CRV	−15 3489	109085	17087	2887.	7546			12 26 55	−15 39	296 11	+46 25
4776		−13 3552	109141	17095	.	7548			12 27 25	−13 18	295 59	+48 46
4777	20 VIR	+11 2473	109217	17103	.	7552			12 27 59	+10 51	287 35	+72 37
4778		−18 3416	109238	17108	.				12 28 9	−19 14	297 7	+42 53
4779		−12 3659	109272	17113	.	7554			12 28 23	−12 17	296 10	+49 48
4780	22 COM	+25 2523	109307	17117	.	7556			12 28 35	+24 50	247 6	+85 4
4781	21 VIR	− 8 3372	109309	17122	2891.	7559			12 28 37	− 8 54	295 39	+53 11
4782		−49 7195	109312	17124	.		I		12 28 33	−49 21	300 3	+12 53
4783		+34 2332	109317	17121	2892.	7558			12 28 43	+33 48	154 1	+82 46
4784		+34 2333	109345	17125	2894.	7561			12 28 52	+33 56	153 14	+82 40
4785	8 β CVN	+42 2321	109358	17127	2895.	7563			12 29 0	+41 54	136 5	+75 19
4786	9 β CRV	−22 3401	109379	17133	2896.	7566		VAR?	12 29 8	−22 51	297 52	+39 18
4787	5 κ DRA	+70 703	109387	17126	2897.	7562		VAR?	12 29 13	+70 20	125 13	+47 16
4788		−43 7755	109409	17139	2898.				12 29 18	−44 7	299 48	+18 6
4789	23 COM	+23 2475	109485	17142	2900.	7568			12 29 52	+23 11	262 2	+84 8
4790		−61 3298	109492	17151	.				12 29 51	−61 17	301 3	+ 0 59
4791	24 COM	+19 2584	109510	17146	.	7571	8600B	VAR?	12 30 5	+18 56	278 45	+80 29
4792	24 COM	+19 2584	109511	17147	2902.	7572	8600A	VAR?	12 30 7	+18 56	278 47	+80 29
4793		+22 2490	109519	17150	.	7574			12 30 8	+22 26	266 42	+83 35
4794		−40 7376	109536	17158	2903.	7576			12 30 23	−40 28	299 45	+21 46
4795	6 DRA	+70 705	109551	17148	.	7573			12 30 30	+70 34	125 2	+47 2
4796		−39 7717	109573	17164	.		I		12 30 38	−39 19	299 43	+22 55
4797		−19 3521	109585	17165	.	7577			12 30 44	−19 58	298 2	+42 13
4798	α MUS	−68 1702	109668	17179	.	7585	R4355	VAR?	12 31 13	−68 35	301 39	− 6 18
4799	25 VIR	− 5 3535	109704	17180	.	7586			12 31 38	− 5 17	296 14	+56 51
4800	T UMA	+60 1406	109729	17178	.	7584		T UMA	12 31 50	+60 2	126 30	+57 32

BS= HR	RA (2000)	$\Delta\alpha$ 100 YR	DEC (2000)	$\Delta\delta$ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
4751	12 28 45	+ 5 0	+25 54	−33	6.65	+0.21	A m	−0.019	−0.026	.	− 2V	1.2	146.2	3	*
4752	12 28 55	+ 5 0	+25 55	−33	5.29	−0.05	A si	−0.026	−0.025	+.019	− 3V?	1.2	146.2	3	*
4753	12 29 27	+ 5 0	+24 7	−33	5.47	+0.44	F5IV	−0.030	−0.008	.	+ 25	.	.		
4754	12 29 54	+ 5 31	−56 31	−33	5.79	+1.56	gM0	−0.020	+0.006	.		.	.		
4755	12 29 57	+ 5 21	−41 44	−33	5.90 H	.	M4	+0.002	−0.032	.		.	.		
4756	12 29 43	+ 5 1	+20 54	−33	5.72 R	+0.07	A3V	+0.025	−0.038	.	− 6	.	.		
4757	12 29 51	+ 5 10	−16 31	−33	2.95	−0.04	B9.5V?n	−0.210	−0.145	+.018	+ 9	4.5	24.4		D
4758	12 30 4	+ 5 9	−13 23	−33	6.41 H	.	dF8	−0.251	−0.048	+.042	+ 0	3.8	1.8		D
4759	12 30 17	+ 5 14	−23 42	−33	5.63	+1.65	gM0	−0.022	−0.011	.	− 11	.	.		
4760	12 29 57	+ 4 40	+58 24	−33	5.37 R	.	A5	−0.064	+0.085	+.038	+ 7	.	.		
4761	12 30 3	+ 4 44	+51 32	−33	6.13 R	.	dF6	−0.289	+0.016	+.037	+ 19	.	.		
4762	12 30 4	+ 4 41	+58 46	−33	6.10 R	.	G8III-IV	+0.031	−0.029	.	− 17	.	.		
4763	12 31 10	+ 5 33	−57 7	−34	1.62	+1.60	M3II	+0.025	−0.273	.	+ 21	6.0	110.6		
4764	12 31 17	+ 5 33	−57 5	−33	6.41	+0.16	A2	+0.005	−0.013	.		6.0	110.6		
4765	12 30 7	+ 4 23	+69 12	−33	5.07 R	.	gM4	−0.061	−0.055	+.015	− 13V	.	.		6
4766	12 31 1	+ 5 0	+24 34	−33	5.46	+0.05	A p	−0.012	−0.015	.	+ 0	.	.		G
4767	12 30 50	+ 4 45	+53 4	−33	6.15 R	.	dF7	+0.015	+0.173	.	− 21	.	.		
4768	12 31 40	+ 5 35	−59 25	−33	5.44 H	.	cF	−0.015	−0.017	+.005	− 20V	.	.		6
4769	12 32 10	+ 6 3	−73 0	−33	5.87	+1.10	K0	+0.051	−0.037	.		.	.		
4770	12 31 21	+ 5 5	+ 7 36	−33	6.00 R	.	K5	−0.030	+0.003	.	− 17	.	.		
4771	12 31 56	+ 5 40	−63 30	−33	5.94	+0.28	A5	−0.059	−0.006	.		.	.		
4772	12 31 38	+ 5 8	− 5 3	−33	6.28 H	.	gG9	−0.040	+0.026	.	+ 2	.	.		
4773	12 32 28	+ 5 59	−72 8	−33	3.86	−0.16	B5V	−0.044	−0.012	.	+ 14V?	.	.		G
4774	12 32 5	+ 5 18	−32 32	−33	6.45	+0.20	A3	−0.019	−0.015	.		.	.		
4775	12 32 4	+ 5 9	−16 12	−33	4.30	+0.38	F0IV	−0.428	−0.067	+.044	− 4V	.	.		R
4776	12 32 36	+ 5 11	−13 51	−33	5.70 H	.	dA9	−0.147	−0.058	.	− 1	.	.		
4777	12 33 3	+ 5 4	+10 18	−33	6.34 R	.	gG7	−0.056	−0.003	.	+ 1	.	.		
4778	12 33 23	+ 5 14	−19 47	−33	6.15 H	.	A5	−0.014	−0.009	.		.	.		
4779	12 33 34	+ 5 11	−12 50	−33	5.76 H	.	G8III	−0.026	+0.050	.	− 16	.	.		
4780	12 33 34	+ 4 59	+24 17	−33	6.29	+0.11	A4V	−0.018	−0.010	.	+ 1	.	.		G
4781	12 33 47	+ 5 10	− 9 27	−33	5.47	−0.02	A0	−0.083	+0.000	+.012	− 11	.	.		
4782	12 34 0	+ 5 27	−49 54	−33	6.37	+0.46	F2	−0.168	−0.049	.		7.2	7.8		
4783	12 33 38	+ 4 55	+33 15	−33	5.33 R	.	K0III	+0.018	−0.041	+.031	− 20	.	.		
4784	12 33 47	+ 4 55	+33 23	−33	6.21 R	.	K1III	+0.001	−0.016	+.053	− 43	.	.		
4785	12 33 45	+ 4 45	+41 21	−33	4.29	+0.59	G0V	−0.705	+0.284	+.108	+ 7	.	.		
4786	12 34 23	+ 5 15	−23 24	−33	2.66	+0.89	G5III	+0.004	−0.059	+.027	− 8	.	.		
4787	12 33 29	+ 4 16	+69 47	−33	3.84	−0.12	B7p	−0.059	+0.007	+.010	− 11V	.	.		R
4788	12 34 43	+ 5 25	−44 40	−33	5.76	+0.70	G5	−0.089	−0.225	+.015	+ 18	.	.		
4789	12 34 51	+ 4 59	+22 38	−33	4.76 R	−0.03	A0IV	−0.069	+0.013	+.001	− 16V	.	.		5
4790	12 35 29	+ 5 38	−61 50	−33	6.22	+0.74	G5	−0.301	−0.096	.		.	.		
4791	12 35 6	+ 5 1	+18 23	−33	6.72 H	.	F1V?	−0.003	+0.017	.	+ 5V	1.5	20.4		*
4792	12 35 8	+ 5 1	+18 23	−33	5.18 H	.	K2III	−0.007	+0.018	+.006	+ 4	1.5	20.4		D
4793	12 35 8	+ 5 0	+21 53	−33	5.93 R	.	gK2	+0.014	−0.026	.	− 14	.	.		
4794	12 35 46	+ 5 23	−41 1	−33	5.23 H	.	A m	−0.111	−0.012	+.017	− 11	.	.		
4795	12 34 44	+ 4 14	+70 1	−33	5.07 R	.	gK2	−0.033	−0.004	.	+ 5V	.	.		
4796	12 36 1	+ 5 23	−39 52	−33	5.79	+0.00	A0	−0.039	−0.044	.		6.1	39.8	3	
4797	12 35 59	+ 5 15	−20 31	−33	6.12 H	.	A5	+0.013	−0.044	.	− 2	.	.		
4798	12 37 11	+ 5 58	−69 8	−33	2.71	−0.20	B3IV	−0.032	−0.018	.	+ 18V	10.1	29.7		G
4799	12 36 47	+ 5 9	− 5 50	−33	5.90 H	.	A0	−0.031	−0.023	.	− 6	.	.		
4800	12 36 23	+ 4 33	+59 29	−33	5.5 H	.	gM4e	−0.023	−0.017	.	− 91	.	.		

BS = HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
4801	25 COM	+17 2504	109742	17183	.	7587			12 31 57	+17 38	283 43	+79 25
4802	τ CEN	−47 7745	109787	17194	2908.	7589			12 32 14	−47 59	300 35	+14 17
4803		−26 9233	109799	17198	2909.	7590	8612		12 32 24	−26 35	299 10	+35 39
4804		−74 955	109857	17214	.		R4363		12 32 49	−74 49	302 9	−12 30
4805		+ 4 2631	109860	17203	.	7593			12 32 59	+ 3 50	294 43	+65 57
4806		−66 1861	109867	17210	.		I		12 32 56	−66 39	301 43	− 4 21
4807		+ 2 2560	109896	17209	2912.	7595		VAR?	12 33 16	+ 2 24	295 18	+64 32
4808	R VIR	+ 7 2561	109914	17212	2913.	7596		R VIR	12 33 26	+ 7 32	293 39	+69 38
4809		−17 3668	109931	17216	.	7597			12 33 31	−17 42	298 42	+44 31
4810		−29 9845	109960	17223	.			VAR?	12 33 44	−29 52	299 46	+32 23
4811	9 CVN	+41 2312	109980	17221	.	7600			12 33 58	+41 25	132 54	+76 1
4812		+23 2479	109996	17224	.	7602	B		12 34 4	+23 13	269 56	+84 44
4813	26 χ VIR	− 7 3452	110014	17227	2918.	7604			12 34 5	− 7 27	297 41	+54 45
4814		−65 1941	110020	17234	.				12 34 1	−65 58	301 47	− 3 40
4815	26 COM	+21 2439	110024	17225	.	7603			12 34 9	+21 37	277 20	+83 19
4816		+36 2295	110066	17231	.	7607			12 34 25	+36 30	138 34	+80 48
4817		−39 7748	110073	17236	.	7608			12 34 28	−39 26	300 31	+22 50
4818		−45 7944	110287	17257	.				12 35 53	−45 36	301 7	+16 42
4819	γ CEN	−48 7597	110304	17262	2922.	7619	I		12 36 0	−48 25	301 15	+13 53
4820	R MUS	−68 1731	110311	17267	.			R MUS	12 35 58	−68 52	302 6	− 6 33
4821		−12 3676	110317	17259	.	7616	8627B		12 36 4	−12 28	299 5	+49 47
4822		−12 3676	110318	17260	.	7617	8627A		12 36 5	−12 28	299 5	+49 47
4823		−59 4393	110335	17268	.	7621		VAR?	12 36 11	−59 8	301 44	+ 3 10
4824	27 VIR	+11 2484	110377	17269	.	7622		VAR?	12 36 32	+10 58	294 31	+73 8
4825	29 γ VIR	− 0 2601	110379	17270	2924.	7623	8630A	VAR?	12 36 36	− 0 54	297 51	+61 20
4826	29 γ VIR	− 0 2601	110380	17270	.	7624	8630B	VAR?	12 36 36	− 0 54	297 51	+61 20
4827		−18 3442	110385	17273	.	7625			12 36 36	−19 12	299 50	+43 4
4828	30 ρ VIR	+11 2485	110411	17276	.	7626			12 36 49	+10 47	294 50	+72 58
4829	31 VIR	+ 7 2568	110423	17279	2925.	7629	8633		12 36 53	+ 7 21	296 9	+69 33
4830		−62 2898	110432	17286	.			VAR?	12 36 58	−62 31	301 57	+ 0 12
4831		−48 7608	110458	17282	2926.	7631			12 37 3	−48 16	301 26	+14 2
4832		−55 5194	110461	17288	.	7633			12 37 9	−55 24	301 43	+ 6 55
4833	76 UMA	+63 1026	110462	17278	.	7628			12 37 12	+63 16	124 53	+54 22
4834		−55 5197	110506	17294	.	7636			12 37 28	−55 38	301 46	+ 6 41
4835		−58 4453	110532	17300	.		R4395		12 37 44	−58 21	301 54	+ 3 58
4836		−39 7785	110575	17301	.				12 37 59	−39 38	301 16	+22 40
4837		− 0 2603	110646	17309	.	7641			12 38 30	− 1 2	298 51	+61 14
4838		−35 8155	110653	17311	.				12 38 34	−35 48	301 15	+26 30
4839		−27 8832	110666	17315	.	7642			12 38 41	−27 47	300 56	+34 31
4840		+61 1312	110678	17305	.	7639			12 38 41	+61 42	124 45	+55 56
4841		−68 1745	110716	17325	.				12 38 53	−68 17	302 21	− 5 58
4842	ι CRU	−60 4273	110829	17339	2934.	7647	I		12 39 45	−60 26	302 13	+ 1 53
4843		+44 2221	110834	17329	.	7645			12 39 44	+44 39	127 14	+72 58
4844	β MUS	−67 2064	110879	17348	.	7654	I		12 40 9	−67 34	302 27	− 5 14
4845	10 CVN	+40 2570	110897	17337	2935.	7646			12 40 16	+39 49	128 49	+77 47
4846	Y CVN	+46 1817	110914	17342	2936.	7648		Y CVN	12 40 26	+45 59	126 28	+71 39
4847	32 d^2 VIR	+ 8 2639	110951	17346	2939.	7652			12 40 34	+ 8 13	298 35	+70 30
4848		−55 5215	110956	17352	.	7655	IA		12 40 38	−55 56	302 14	+ 6 23
4849	33 VIR	+10 2468	111028	17355	2940.	7656			12 41 18	+10 6	298 45	+72 23
4850		−32 8912	111032	17360	.		I		12 41 22	−32 46	301 48	+29 33

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
4801	12 36 58	+ 5 1	+17 5	−33	5.68 R	.	gK5	−0.037	−0.024	.	− 8	.	.		
4802	12 37 42	+ 5 28	−48 32	−33	3.86	+0.05	A2V	−0.190	−0.015	+.018	+ 5	.	.		
4803	12 37 42	+ 5 18	−27 8	−33	5.45	+0.33	F2V	+0.072	−0.100	+.030	− 1	6.8	1.6		G
4804	12 39 14	+ 6 25	−75 22	−33	6.48	+0.08	B9	−0.024	+0.019	.		2.0	2.2		D
4805	12 38 5	+ 5 6	+ 3 17	−33	6.21 R	.	A0	−0.030	−0.015	.	+ 0	.	.		
4806	12 38 52	+ 5 56	−67 12	−33	6.24	+0.06	B0.5Ik	+0.002	−0.015	.	− 16	5.0	17.2		
4807	12 38 22	+ 5 6	+ 1 51	−33	5.78 R	.	gM3	−0.078	−0.026	+.025	− 16	.	.		
4808	12 38 30	+ 5 4	+ 6 59	−33	6.2 H	.	gM4e	−0.028	−0.010	+.010	− 25	.	.		
4809	12 38 44	+ 5 13	−18 15	−33	6.08 H	.	dA6	−0.117	+0.011	.	− 13	.	.		
4810	12 39 3	+ 5 19	−30 25	−33	6.02 H	.	K0	−0.035	−0.020	.		.	.		
4811	12 38 47	+ 4 49	+40 52	−33	6.37	+0.18	A5V	−0.026	−0.024	.	− 16	.	.		
4812	12 39 2	+ 4 58	+22 40	−33	6.34 R	.	K1III	−0.050	−0.023	.	− 27	6.0	33.1		
4813	12 39 15	+ 5 10	− 8 0	−33	4.64	+1.24	K2III	−0.079	−0.032	+.014	− 20	.	.		
4814	12 39 56	+ 5 55	−66 31	−33	6.25	−0.05	B9	−0.051	−0.033	.		.	.		
4815	12 39 7	+ 4 58	+21 4	−33	5.39 R	.	gG8	−0.084	−0.017	.	− 21V	.	.		6
4816	12 39 17	+ 4 52	+35 57	−33	6.50	+0.05	A p	+0.024	−0.013	.	− 15V	.	.		
4817	12 39 53	+ 5 25	−39 59	−33	4.64	−0.09	A p	−0.053	−0.038	.	+ 15V	.	.		
4818	12 41 23	+ 5 30	−46 9	−33	5.83	+1.52	K3II	−0.088	+0.041	.	+ 7	.	.		
4819	12 41 31	+ 5 31	−48 58	−33	2.16	−0.02	A0III	−0.196	−0.015	+.006	− 8V	.1	1.8		*
4820	12 42 5	+ 6 7	−69 25	−33	5.90	+0.80	G5	+0.006	−0.014	.		.	.		
4821	12 41 16	+ 5 12	−13 1	−33	6.08 H	.	dF1	−0.116	+0.012	.014D	− 14V	.0	5.7	3	*
4822	12 41 17	+ 5 12	−13 1	−33	5.98 H	.	dF6	−0.130	+0.001	.014D	− 11V	.0	5.7	3	*
4823	12 41 56	+ 5 45	−59 41	−33	5.02 H	.	B7IV	−0.022	−0.014	.	+ 12	.	.		
4824	12 41 34	+ 5 2	+10 25	−33	6.30 R	.	A5	−0.111	−0.002	.	+ 18V	.	.		6
4825	12 41 40	+ 5 4	− 1 27	−33	3.65 H	.	F0V	−0.567	+0.005	+.101	− 20	.0	6.6	4	D
4826	12 41 40	+ 5 4	− 1 27	−33	3.68 H	.	F0V	−0.567	+0.005	.	− 20	.0	6.6	4	D
4827	12 41 50	+ 5 14	−19 45	−33	6.03	+0.40	F2	−0.214	+0.020	.	− 3	.	.		G
4828	12 41 53	+ 5 4	+10 14	−33	4.88 R	+0.07	A0V	+0.084	−0.097	.	+ 2V	.	.		
4829	12 41 57	+ 5 4	+ 6 48	−33	5.41BR	.	B9	−0.070	−0.018	+.007	+ 4	5.8	4.1		2
4830	12 42 50	+ 5 52	−63 4	−33	5.39	+0.26	B1pe	−0.016	−0.030	.	+ 44V	.	.		
4831	12 42 35	+ 5 32	−48 49	−33	4.66	+1.10	gK1	−0.132	−0.041	+.017	− 12	.	.		G
4832	12 42 50	+ 5 41	−55 57	−33	6.23 H	.	B9V	−0.045	−0.031	.	+ 37V?	.	.		
4833	12 41 34	+ 4 22	+62 43	−33	5.86 R	.	A0	−0.034	−0.021	.	− 4	.	.		
4834	12 43 9	+ 5 41	−56 11	−33	5.98	−0.08	B9Vn	−0.040	−0.022	.	+ 10	.	.		
4835	12 43 29	+ 5 45	−58 54	−33	6.38	+1.09	K0	−0.083	−0.023	.		4.5	2.5	3	7
4836	12 43 26	+ 5 27	−40 11	−33	6.43	+0.26	A m?	+0.022	−0.022	.		.	.		
4837	12 43 38	+ 5 8	− 1 35	−33	5.93	+0.86	G8IIIp	+0.048	−0.082	.	+ 1	.	.		G
4838	12 43 59	+ 5 25	−36 21	−33	6.38	−0.06	A0	−0.010	−0.002	.		.	.		
4839	12 44 1	+ 5 20	−28 20	−33	5.73 H	.	K4III	−0.037	−0.046	.	+ 7	.	.		
4840	12 43 4	+ 4 23	+61 9	−33	6.29 R	.	K0	−0.045	+0.020	.	− 6	.	.		
4841	12 45 2	+ 6 9	−68 50	−33	6.15	+0.69	G0	−0.023	−0.027	.		.	.		
4842	12 45 38	+ 5 53	−60 59	−33	4.68	+1.05	K1III	+0.101	−0.075	+.029	+ 9	3.1	26.9		*
4843	12 44 27	+ 4 43	+44 6	−33	6.22 R	.	F5	−0.028	−0.002	.	− 16	.	.		
4844	12 46 17	+ 6 8	−68 7	−33	3.04	−0.19	B2.5V	−0.028	−0.030	.015D	+ 42V	.3	1.6		2
4845	12 45 0	+ 4 44	+39 16	−33	5.96	+0.55	G0V	−0.355	+0.132	+.065	+ 81	.	.		
4846	12 45 8	+ 4 42	+45 26	−33	4.8 H	.	$C5_4$	+0.004	+0.008	−.001	+ 12	.	.		
4847	12 45 37	+ 5 3	+ 7 40	−33	5.17 R	.	A m	−0.108	−0.001	+.011	− 9V	.	.		R
4848	12 46 22	+ 5 44	−56 29	−33	4.64	−0.17	B3IV	−0.042	−0.039	.	+ 17V?	3.6	52.6		3
4849	12 46 23	+ 5 5	+ 9 32	−34	5.67	+0.99	K1IV	+0.275	−0.452	+.021	+ 52	.	.		
4850	12 46 46	+ 5 24	−33 19	−33	5.85	+1.34	K0	−0.013	−0.037	.		6.0	25.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
4851	27 COM	+17 2533	111067	17363	.	7657			12 41 39	+17 7	296 38	+79 23
4852		+81 402	111112	17347	.	7653			12 41 54	+81 10	123 17	+36 30
4853	β CRU	−59 4451	111123	17374	.	7661	I	β CRU	12 41 53	−59 9	302 28	+ 3 11
4854		+ 6 2660	111133	17366	.	7658		VAR?	12 41 58	+ 6 30	299 53	+68 48
4855	34 VIR	+12 2512	111164	17371	.	7659			12 42 12	+12 30	298 58	+74 48
4856		− 5 3569	111199	17375	.	7663	R4421		12 42 23	− 5 45	301 10	+56 34
4857		−24 10540	111226	17380	.				12 42 35	−24 18	301 54	+38 1
4858	35 VIR	+ 4 2653	111239	17381	.	7666			12 42 46	+ 4 7	300 41	+66 26
4859		+63 1034	111270	17377	.	7664			12 43 3	+63 20	123 45	+54 20
4860		−26 9340	111295	17391	.				12 43 6	−27 3	302 7	+35 17
4861	28 COM	+14 2546	111308	17390	.	7670			12 43 14	+14 6	299 35	+76 25
4862		−71 1391	111315	17403	.				12 43 16	−71 26	302 48	− 9 6
4863	7 DRA	+67 764	111335	17387	2944.	7669			12 43 29	+67 20	123 32	+50 20
4864		+25 2568	111395	17400	2945.	7674			12 43 55	+25 23	288 11	+87 38
4865	29 COM	+14 2549	111397	17401	.	7675			12 43 54	+14 40	300 10	+76 59
4866	11 CVN	+49 2163	111421	17402	.	7676			12 44 6	+49 1	124 12	+68 39
4867		+61 1320	111456	17404	2946.	7678			12 44 18	+60 52	123 35	+56 48
4868		−59 4483	111463	17418	.				12 44 17	−59 51	302 47	+ 2 29
4869	30 COM	+28 2153	111469	17410	.	7679	8674		12 44 25	+28 6	171 1	+89 21
4870	ι OCT	−84 407	111482	17460	.	7700	R4450		12 44 27	−84 35	303 1	−22 15
4871		−47 7893	111519	17422	.				12 44 42	−47 55	302 44	+14 25
4872		−52 5947	111588	17434	.				12 45 15	−52 15	302 51	+10 5
4873		+23 2502	111591	17432	.	7686			12 45 21	+23 24	299 13	+85 43
4874		−33 8653	111597	17433	2950.	7687			12 45 16	−33 27	302 45	+28 53
4875		+38 2373	111604	17430	2950.1	7685		VAR?	12 45 26	+38 4	124 20	+79 36
4876		−59 4494	111613	17437	.	7689		VAR?	12 45 22	−59 47	302 55	+ 2 33
4877		− 9 3569	111720	17445	.	7693	8684A		12 46 11	− 9 48	302 54	+52 32
4878	37 VIR	+ 3 2703	111765	17449	.	7695			12 46 31	+ 3 36	303 1	+65 56
4879		−39 7879	111774	17452	.	7696		VAR?	12 46 26	−39 8	303 2	+23 12
4880		−47 7917	111775	17454	.				12 46 27	−47 33	303 2	+14 47
4881		−26 9369	111786	17456	.				12 46 37	−26 12	303 4	+36 8
4882		−53 5359	111790	17461	.		I		12 46 39	−53 17	303 4	+ 9 3
4883	31 COM	+28 2156	111812	17455	2955.	7697			12 46 50	+28 5	116 2	+89 35
4884	32 COM	+17 2551	111862	17464	.	7701			12 47 14	+17 37	303 56	+79 57
4885		−54 5360	111884	17472	.				12 47 17	−54 25	303 10	+ 7 55
4886		+16 2430	111893	17469	.	7703			12 47 29	+16 40	304 11	+79 0
4887		−59 4529	111904	17475	.	7707			12 47 24	−59 47	303 10	+ 2 33
4888		−48 7753	111915	17473	2956.	7706			12 47 27	−48 24	303 13	+13 56
4889		−39 7893	111968	17489	2958.	7710			12 47 54	−39 38	303 20	+22 42
4890	κ CRU	−59 4555	111973	17492	.	7711			12 47 51	−59 50	303 13	+ 2 30
4891	38 VIR	− 2 3593	111998	17487	2959.	7709			12 48 4	− 3 1	303 47	+59 19
4892		+84 289	112014	17440	.	7691	8682B		12 48 16	+83 58	123 1	+33 42
4893		+84 290	112028	17443	2960.	7692	8682A		12 48 23	+83 57	123 1	+33 43
4894	35 COM	+22 2519	112033	17493	2961.	7712	8695		12 48 22	+21 47	307 4	+84 6
4895	S CRU	−57 5776	112044	17509	.				12 48 27	−57 53	303 19	+ 4 27
4896		− 3 3373	112048	17497	.				12 48 29	− 3 41	303 58	+58 39
4897	λ CRU	−58 4584	112078	17514	.	7719			12 48 43	−58 36	303 21	+ 3 44
4898	μ^1 CRU	−56 5487	112092	17512	.	7717	IA		12 48 43	−56 38	303 22	+ 5 42
4899	μ^2 CRU	−56 5487	112091	17513	.	7718	IB		12 48 44	−56 38	303 22	+ 5 42
4900	41 VIR	+13 2602	112097	17502	.	7714			12 48 49	+12 58	305 12	+75 17

BS= HR	RA (2000)	$\Delta\alpha$ 100 YR	DEC (2000)	$\Delta\delta$ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
4851	12 46 39	+ 5 0	+16 34	−33	5.15 R	.	K3III	+0.009	+0.000	.	+ 53	.	.		
4852	12 44 26	+ 2 32	+80 37	−33	6.21 R	.	A m	+0.027	−0.046	.	− 26V	.	.		6
4853	12 47 44	+ 5 51	−59 42	−33	1.24	−0.24	B0.5IV	−0.041	−0.026	.	+ 20V	10.0	44.3		
4854	12 47 3	+ 5 5	+ 5 57	−33	6.35	−0.06	A p	+0.033	−0.049	.	+ 16V	.	.		
4855	12 47 14	+ 5 2	+11 57	−33	6.05 H	.	A3	+0.041	−0.025	.	− 1	.	.		G
4856	12 47 33	+ 5 10	− 6 18	−33	6.26 H	.	dF5	−0.001	−0.050	.	+ 13	6.2	16.5		2
4857	12 47 54	+ 5 19	−24 51	−33	6.43	−0.07	B9	−0.052	+0.030	.		.	.		
4858	12 47 52	+ 5 6	+ 3 34	−33	6.46 R	.	gM4	−0.006	−0.008	.	+ 8	.	.		
4859	12 47 19	+ 4 16	+62 47	−33	5.85 R	.	A5	+0.017	−0.006	.	− 14	.	.		6
4860	12 48 26	+ 5 20	−27 36	−33	5.66	+0.96	G5	−0.143	−0.071	.		.	.		
4861	12 48 14	+ 5 0	+13 33	−33	6.40 R	+0.02	A0V	−0.048	−0.036	.	− 0	.	.		
4862	12 49 45	+ 6 29	−71 59	−33	5.54	+1.17	K0	+0.011	−0.018	.		.	.		
4863	12 47 34	+ 4 5	+66 47	−33	5.46 R	.	gK5	+0.004	−0.008	+.021	+ 8	.	.		
4864	12 48 47	+ 4 52	+24 50	−33	6.32	+0.71	G7V	−0.338	−0.116	+.033	− 8	.	.		
4865	12 48 55	+ 5 1	+14 7	−33	5.70	+0.02	A2V	+0.032	−0.032	.	− 7	.	.		G
4866	12 48 42	+ 4 36	+48 28	−33	6.27	+0.17	A m	−0.065	+0.007	.	− 2	.	.		
4867	12 48 39	+ 4 21	+60 19	−33	5.85	+0.46	F6V	+0.107	−0.005	+.039	− 12	.	.		G
4868	12 50 12	+ 5 55	−60 24	−33	5.96 H	.	A3	−0.004	−0.029	.		.	.		M
4869	12 49 17	+ 4 52	+27 33	−33	5.70 R	+0.02	A2V	−0.097	+0.015	.	+ 1	5.7	42.9		*
4870	12 54 59	+ 10 32	−85 8	−33	5.45	+1.01	K0III	+0.077	+0.021	.	+ 53	.5	.7		
4871	12 50 20	+ 5 38	−48 28	−33	6.23	+0.05	A0	−0.042	−0.008	.		.	.		
4872	12 50 58	+ 5 43	−52 48	−33	5.72	+0.13	A3m	−0.031	−0.027	.		.	.		
4873	12 50 17	+ 4 56	+22 51	−33	6.33 R	.	K0III	+0.109	−0.076	.	+ 6	.	.		G
4874	12 50 42	+ 5 26	−34 0	−33	5.01 H	.	A0IV	−0.034	−0.032	+.012	+ 18V	.	.		
4875	12 50 11	+ 4 45	+37 31	−33	5.90	+0.16	A4V	−0.097	+0.020	+.001	− 11	.	.		
4876	12 51 18	+ 5 56	−60 20	−33	5.73	+0.36	A1Ia	−0.022	−0.005	.	− 22	.	.		
4877	12 51 23	+ 5 12	−10 21	−33	6.52 H	.	gG8	−0.010	−0.013	.	− 17	2.3	33.6	3	D
4878	12 51 36	+ 5 5	+ 3 3	−33	5.98 R	.	gK4	−0.036	+0.014	.	+ 3	.	.		
4879	12 51 56	+ 5 30	−39 41	−33	5.96	−0.10	B7V	−0.041	−0.036	.	+ 5	.	.		
4880	12 52 5	+ 5 38	−48 6	−33	6.32	+0.03	A0II	−0.065	+0.002	.	− 2	.	.		
4881	12 51 58	+ 5 21	−26 45	−33	6.13	+0.24	A0	−0.113	+0.031	.		.	.		
4882	12 52 25	+ 5 46	−53 50	−33	6.34 H	.	K0	−0.023	+0.001	.		6.0	6.4		
4883	12 51 42	+ 4 52	+27 32	−33	4.95	+0.68	G0III	−0.016	−0.016	+.010	− 1	.	.		
4884	12 52 12	+ 4 58	+17 4	−33	6.38 R	.	gM0	−0.003	−0.022	.	− 1	.	.		
4885	12 53 4	+ 5 47	−54 58	−33	5.92	+1.32	K0	−0.122	+0.000	.	− 9	.	.		
4886	12 52 28	+ 4 59	+16 7	−33	6.22 R	+0.16	A5V	−0.043	−0.026	.	− 28	.	.		
4887	12 53 22	+ 5 58	−60 20	−33	5.74	+0.32	B9Ia	−0.010	−0.012	.	− 15	.	.		G
4888	12 53 6	+ 5 39	−48 57	−33	4.32	+1.38	gK2	−0.089	−0.029	+.013	− 2V?	.	.		
4889	12 53 26	+ 5 32	−40 11	−33	4.26	+0.22	A7III	+0.068	−0.032	+.047	− 3	.	.		
4890	12 53 50	+ 5 59	−60 23	−33	5.90	+0.24	B3Iab	+0.007	−0.033	.	− 1	.	.		
4891	12 53 11	+ 5 7	− 3 34	−33	6.15 H	.	dF6	−0.259	−0.007	+.036	− 7	.	.		G
4892	12 49 7	+ 0 51	+83 25	−33	5.81 H	.	A0	−0.026	+0.018	.	+ 1V	.5	21.8		*
4893	12 49 14	+ 0 51	+83 24	−33	5.28 H	.	A2	−0.029	+0.016	−.001	+ 3	.5	21.8		D
4894	12 53 17	+ 4 55	+21 14	−33	4.97BR	.	G8III+F6	−0.048	−0.029	+.022	− 6	2.8	1.5	3	D
4895	12 54 22	+ 5 55	−58 26	−33	6.20	+0.70	G0	−0.011	−0.014	.		.	.		
4896	12 53 38	+ 5 9	− 4 14	−33	6.46 H	.	K0	−0.001	−0.047	.		.	.		
4897	12 54 39	+ 5 56	−59 9	−33	4.62	−0.16	B5?Vn	−0.033	−0.022	.	+ 16	.	.		G
4898	12 54 36	+ 5 53	−57 11	−33	4.02	−0.18	B3IV	−0.030	−0.018	.	+ 12	1.2	37.9		D
4899	12 54 37	+ 5 53	−57 11	−33	5.18	−0.14	B5Ve	−0.033	−0.013	.	+ 19V	1.2	37.9		D
4900	12 53 50	+ 5 1	+12 25	−33	6.25	+0.27	A m	+0.050	−0.032	.	− 10V?	.	.		*

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
4901		−10 3570	112131	17515	.			VAR?	12 49 6	−11 6	304 3	+51 14
4902	40 ψ VIR	− 8 3449	112142	17516	2962.	7720		VAR?	12 49 9	− 9 0	304 7	+53 20
4903		−43 7953	112164	17523	2963.				12 49 25	−43 36	303 36	+18 44
4904		+34 2369	112171	17517	.	7721			12 49 27	+34 5	117 48	+83 33
4905	77 ϵ UMA	+56 1627	112185	17518	2964.	7722		ϵ UMA	12 49 38	+56 30	122 12	+61 10
4906		−42 7975	112213	17529	.				12 49 44	−42 22	303 41	+19 58
4907		−71 1404	112219	17545	.				12 49 51	−71 39	303 20	− 9 19
4908		−56 5498	112244	17540	.	7726	I		12 50 3	−56 18	303 33	+ 6 2
4909		+47 2003	112264	17533	.	7724		TU CVN	12 50 23	+47 45	121 13	+69 54
4910	43 δ VIR	+ 4 2669	112300	17543	2968.	7728			12 50 34	+ 3 56	305 31	+66 15
4911		−14 3605	112304	17548	.				12 50 39	−14 47	304 31	+47 32
4912		−25 9508	112374	17558	.	7734			12 51 7	−25 55	304 20	+36 24
4913		−50 7394	112409	17569	.	7736			12 51 19	−50 39	303 50	+11 41
4914	12 α^1 CVN	+39 2580	112412	17556	.	7732	8706B		12 51 20	+38 51	118 20	+78 46
4915	12 α^2 CVN	+39 2580	112413	17557	2969.	7733	8706A	α^2 CVN	12 51 21	+38 51	118 19	+78 46
4916	8 DRA	+66 778	112429	17554	2970.	7730			12 51 30	+65 59	122 16	+51 41
4917		+54 1556	112486	17567	.	7735	8710		12 51 55	+54 38	121 22	+63 1
4918		−21 3635	112519	17585	.				12 52 13	−22 13	304 46	+40 6
4919		+46 1833	112570	17582	.	7740			12 52 34	+46 44	119 56	+70 54
4920	36 COM	+18 2682	112769	17616	.	7746		VAR?	12 53 59	+17 57	313 22	+80 8
4921	44 VIR	− 3 3384	112846	17631	.		8727		12 54 30	− 3 16	306 54	+59 0
4922		−32 9083	112935	17645	.				12 55 4	−32 58	305 6	+29 20
4923	δ MUS	−70 1548	112985	17672	2980.	7767			12 55 23	−71 1	303 47	− 8 42
4924	37 COM	+31 2434	112989	17647	2981.	7753	8731		12 55 29	+31 19	95 42	+85 52
4925	46 VIR	− 2 3609	112992	17649	.	7754	8732		12 55 27	− 2 50	307 25	+59 26
4926		+19 2622	113022	17654	2982.	7759	8735		12 55 45	+18 55	317 2	+81 0
4927		+76 473	113049	17637	.	7751			12 55 50	+76 0	122 19	+41 39
4928	9 DRA	+67 773	113092	17651	2983.	7755			12 56 8	+67 8	121 37	+50 30
4929	38 COM	+17 2573	113095	17667	.	7763			12 56 13	+17 40	316 3	+79 45
4930		−70 1553	113120	17685	.	7771			12 56 17	−70 56	303 52	− 8 37
4931	78 UMA	+57 1408	113139	17664	2986.	7762	8739	VAR?	12 56 26	+56 54	120 19	+60 43
4932	47 ϵ VIR	+11 2529	113226	17687	2987.	7772		VAR?	12 57 12	+11 30	312 19	+73 39
4933	ξ^1 CEN	−48 7887	113314	17704	2989.	7779			12 57 46	−48 59	304 57	+13 19
4934		+64 927	113337	17690	2990.	7773			12 57 53	+64 9	121 0	+53 28
4935		−19 3629	113415	17711	.	7782	8757		12 58 25	−20 3	306 49	+42 12
4936		+60 1439	113436	17702	.	7778			12 58 34	+60 16	120 19	+57 20
4937	48 VIR	− 2 3622	113459	17715	.	7784	8759		12 58 45	− 3 8	308 58	+59 4
4938		−40 7662	113523	17729	.				12 59 10	−40 39	305 38	+21 37
4939		−51 7248	113602	17740	.				12 59 38	−51 35	305 8	+10 42
4940		−47 8088	113703	17750	.	7793	I		13 0 29	−47 56	305 28	+14 20
4941		−40 7682	113778	17763	.			VAR?	13 0 55	−41 3	305 58	+21 12
4942	ξ^2 CEN	−49 7644	113791	17773	.	7802	I		13 1 4	−49 22	305 29	+12 54
4943	14 CVN	+36 2337	113797	17751	.	7794		VAR?	13 1 4	+36 20	104 31	+80 49
4944		−59 4740	113823	17778	.	7804	I		13 1 14	−59 20	304 56	+ 2 57
4945		+46 1847	113847	17758	.	7795	8775		13 1 22	+45 48	114 53	+71 38
4946	39 COM	+21 2487	113848	17767	.	7799	C		13 1 29	+21 41	333 20	+83 8
4947		−35 8441	113852	17774	.	7803			13 1 20	−35 19	306 26	+26 55
4948		+29 2365	113865	17764	.	7797	8777		13 1 24	+29 34	64 16	+86 14
4949	40 COM	+23 2538	113866	17769	2994.	7801		VAR?	13 1 31	+23 9	340 36	+84 22
4950		+73 583	113889	17748	.	7792	8772		13 1 44	+73 34	121 35	+44 3

BS= HR	RA (2000)	$\Delta\alpha$ 100 YR	DEC (2000)	$\Delta\delta$ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	″				″	″	″	km/s		″		
4901	12 54 18	+ 5 12	−11 39	−33	5.99	+0.08	A1	−0.144	+0.006	.		.	.		
4902	12 54 21	+ 5 12	− 9 33	−33	4.91 H	.	M3III	−0.024	−0.022	+.014	+ 18	.	.		
4903	12 54 59	+ 5 34	−44 9	−33	5.88	+0.64	G2IV	−0.229	−0.235	+.038	+ 32	.	.		
4904	12 54 13	+ 4 46	+33 32	−33	6.27	+0.19	A5V	−0.096	+0.022	.	+ 5	.	.		
4905	12 54 2	+ 4 24	+55 57	−33	1.76	−0.02	A0pv	+0.113	−0.011	+.008	− 9V	.	.		*
4906	12 55 19	+ 5 35	−42 55	−33	5.46	+1.68	M0III	−0.041	−0.024	.	− 7	.	.		
4907	12 56 32	+ 6 41	−72 12	−33	5.92	+1.13	K0	−0.017	−0.024	.		.	.		
4908	12 55 56	+ 5 53	−56 51	−33	5.40	+0.04	c09.5	−0.021	−0.022	.	+ 22V	5.2	29.4		
4909	12 54 57	+ 4 34	+47 12	−33	5.83VR	.	M4	−0.017	−0.012	.	− 17	.	.		
4910	12 55 36	+ 5 2	+ 3 23	−33	3.38	+1.57	M3III	−0.469	−0.060	+.017	− 18	.	.		
4911	12 55 55	+ 5 16	−15 20	−33	6.10 H	.	A0	−0.010	−0.007	.		.	.		
4912	12 56 30	+ 5 23	−26 28	−33	6.76 H	.	cF6	+0.011	−0.024	.	− 22	.	.		
4913	12 57 5	+ 5 46	−51 12	−33	5.29 H	.	B8V	−0.030	−0.025	.	+ 25	.	.		
4914	12 56 1	+ 4 41	+38 19	−32	5.60	+0.34	F0V	−0.236	+0.055	.	− 3V	2.5	19.9		*
4915	12 56 2	+ 4 41	+38 19	−32	2.89	−0.12	B9.5pv	−0.233	+0.048	+.023	− 3V	2.5	19.9		*
4916	12 55 29	+ 3 59	+65 26	−33	5.23	+0.29	A5n	−0.004	−0.035	+.029	+ 9	.	.		
4917	12 56 18	+ 4 23	+54 6	−32	5.86BR	.	A m	−0.077	−0.007	.012D	+ 0	1.9	3.7	3	*
4918	12 57 33	+ 5 20	−22 46	−33	6.30	+1.07	G5	−0.054	−0.037	.		.	.		
4919	12 57 8	+ 4 34	+46 11	−33	6.10 R	.	G9III	−0.022	−0.055	.	+ 7V	.	.		
4920	12 58 56	+ 4 57	+17 25	−32	6.76 R	.	gM0	−0.034	+0.022	.	− 2	.	.		
4921	12 59 39	+ 5 9	− 3 48	−32	5.87 H	.	A2	−0.036	+0.004	.		5.2	21.3		3
4922	13 0 33	+ 5 29	−33 30	−32	6.01	+0.39	F2	−0.075	−0.083	.		.	.		
4923	13 2 16	+ 6 53	−71 33	−32	3.61	+1.18	K2III	+0.273	−0.038	+.023	+ 37V?	.	.		R
4924	13 0 16	+ 4 47	+30 47	−32	4.90BR	.	G9?II-III	−0.021	−0.014	+.015	− 13	9.3	5.2		3
4925	13 0 36	+ 5 9	− 3 22	−32	6.12 H	.	gK2	−0.027	+0.045	.	+ 23	5.0	1.3	3	D
4926	13 0 39	+ 4 54	+18 23	−32	6.05 R	.	dF4	−0.226	+0.053	+.022	+ 1	3.4	153.4	3	G
4927	12 58 47	+ 2 57	+75 28	−32	6.03	+0.98	K0	+0.006	+0.006	.	− 15	.	.		
4928	12 59 55	+ 3 47	+66 36	−32	5.32	+1.29	K2III	−0.140	−0.017	+.004	− 30	.	.		
4929	13 1 10	+ 4 57	+17 8	−32	5.86 R	.	gG7	−0.006	−0.032	.	− 6	.	.		
4930	13 3 5	+ 6 48	−71 28	−32	6.02	+0.05	B1Vne	−0.013	−0.026	.	− 35V?	.	.		R
4931	13 0 43	+ 4 17	+56 22	−32	4.93	+0.36	F2V	+0.114	−0.016	+.030	− 10	3.6	1.5		*
4932	13 2 11	+ 4 59	+10 58	−32	2.81 R	.	G9II-III	−0.274	+0.016	+.036	− 14	.	.		.
4933	13 3 33	+ 5 47	−49 31	−32	5.02 H	.	A0V	−0.064	−0.023	+.008	− 10V	.	.		
4934	13 1 47	+ 3 54	+63 37	−32	5.96 R	.	dF4	−0.179	+0.025	+.034	− 11	.	.		
4935	13 3 46	+ 5 21	−20 35	−32	5.57	+0.56	dF8	+0.141	+0.011	.003D	+ 34	.5	.9		D
4936	13 2 41	+ 4 7	+59 44	−32	6.29 R	.	A0	−0.024	−0.015	.	− 36	.	.		
4937	13 3 54	+ 5 9	− 3 40	−32	6.51 H	.	A7n	−0.037	−0.041	.005D	+ 3	.3	.7		2
4938	13 4 48	+ 5 38	−41 11	−32	6.25	+1.68	M4	−0.033	−0.041	.		.	.		
4939	13 5 31	+ 5 53	−52 7	−32	6.42	+1.70	M1	−0.052	+0.021	.		.	.		
4940	13 6 17	+ 5 48	−48 28	−32	4.70	−0.14	B5V	−0.035	−0.033	.	+ 9	5.4	11.8		G
4941	13 6 35	+ 5 40	−41 35	−32	5.74 H	.	K0	+0.040	−0.028	.		.	.		
4942	13 6 54	+ 5 50	−49 54	−32	4.26	−0.19	B2V	−0.030	−0.018	.	+ 14V	5.1	26.0		*
4943	13 5 45	+ 4 41	+35 48	−32	5.00 R	−0.08	B9V	−0.029	+0.012	.	− 13	.	.		
4944	13 7 24	+ 6 10	−59 52	−32	5.98	+0.48	B9	−0.024	−0.024	.	+ 4	.2	.9		7
4945	13 5 52	+ 4 30	+45 16	−32	5.60BR	.	K1III	−0.016	+0.024	.012D	− 20V	6.3	3.0		2
4946	13 6 21	+ 4 52	+21 9	−32	5.94 R	.	dF1	−0.077	−0.042	.	+ 1	2.9	1.0		
4947	13 6 54	+ 5 34	−35 51	−32	5.61 H	.	A0	+0.037	−0.086	.	+ 16	.	.		
4948	13 6 10	+ 4 46	+29 2	−32	6.39 R	+0.03	A3V	−0.071	−0.005	.	+ 3	5.5	6.5	4	D
4949	13 6 23	+ 4 52	+22 37	−32	5.66 R	.	gM5	+0.025	−0.055	+.042	− 5	.	.		
4950	13 4 49	+ 3 5	+73 2	−32	6.26 R	.	A5	−0.019	+0.015	.007D	− 15	2.0	.8		2

BS = HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
4951		−52 6194	113902	17783	.				13 1 42	−52 55	305 22	+ 9 21
4952	θ MUS	−64 2183	113904	17788	.	7809	I		13 1 40	−64 46	304 40	− 2 29
4953		+62 1275	113994	17780	.	7805			13 2 26	+62 35	119 53	+54 59
4954	41 COM	+28 2185	113996	17787	2995.	7808			13 2 23	+28 10	42 9	+86 29
4955	49 VIR	− 9 3628	114038	17794	2996.	7812			13 2 39	−10 12	309 29	+51 56
4956		+28 2187	114092	17796	.	7814			13 3 7	+28 5	40 33	+86 20
4957		− 8 3491	114113	17805	.	7817			13 3 20	− 8 27	310 4	+53 39
4958	45 ψ HYA	−22 3515	114149	17813	3001.	7821			13 3 40	−22 35	308 11	+39 35
4959		− 8 3495	114203	17815	.				13 4 1	− 9 0	310 14	+53 6
4960		+10 2516	114256	17817	.	7824			13 4 12	+10 33	317 30	+72 23
4961	50 VIR	− 9 3636	114287	17822	.	7827		VAR?	13 4 31	− 9 48	310 18	+52 17
4962		+17 2595	114326	17825	.	7828			13 4 53	+17 22	326 16	+78 52
4963	51 θ VIR	− 4 3430	114330	17828	3005.	7830	8801		13 4 46	− 5 0	311 24	+57 2
4964		+38 2407	114357	17826	.	7829			13 5 2	+37 57	103 39	+79 1
4965		−51 7329	114365	17839	.				13 5 1	−52 2	305 57	+10 12
4966		−69 1772	114371	17846	.		I		13 4 57	−69 25	304 41	− 7 8
4967	15 CVN	+39 2611	114376	17829	.		8805BC		13 5 6	+39 4	105 35	+77 58
4968	42 α COM	+18 2697	114378	17833	3006.	7832	8804A	VAR?	13 5 7	+18 3	327 56	+79 29
4969	42 α COM	+18 2697	114379	17833	.		8804B	VAR?	13 5 7	+18 3	327 56	+79 29
4970		−41 7648	114435	17843	.				13 5 27	−41 42	306 49	+20 30
4971	17 CVN	+39 2614	114447	17835	.	7834	8805A		13 5 28	+39 2	105 13	+77 58
4972		−62 3046	114461	17852	.				13 5 28	−62 46	305 13	+ 0 31
4973		−42 8175	114474	17850	3007.	7840			13 5 40	−42 50	306 46	+19 22
4974		+63 1056	114504	17837	.	7835			13 5 58	+62 46	119 14	+54 45
4975		−59 4815	114529	17866	.	7845	I		13 6 3	−59 23	305 33	+ 2 51
4976		−77 890	114533	17886	.				13 5 58	−77 55	304 7	−15 37
4977		−65 2201	114570	17872	.				13 6 12	−65 42	305 5	− 3 27
4978		−25 9653	114576	17861	.				13 6 13	−26 1	308 31	+36 7
4979		−37 8437	114613	17869	3011.	7847			13 6 28	−37 16	307 25	+24 54
4980		−59 4827	114630	17880	.		I		13 6 40	−59 17	305 38	+ 2 57
4981	53 VIR	−15 3613	114642	17870	3012.	7848			13 6 44	−15 40	310 6	+46 24
4982		−42 8196	114707	17882	.				13 7 7	−42 10	307 7	+20 0
4983	43 β COM	+28 2193	114710	17874	3015.	7850			13 7 12	+28 23	43 14	+85 24
4984		+25 2610	114724	17877	.	7852			13 7 20	+24 47	2 26	+84 32
4985		−50 7589	114772	17890	.		I		13 7 27	−50 10	306 29	+12 2
4986		+12 2565	114780	17884	.	7856			13 7 34	+12 5	321 35	+73 40
4987		+19 2648	114793	17888	.	7857			13 7 43	+19 17	334 10	+80 19
4988		−58 4738	114835	17908	.	7865			13 7 59	−58 9	305 54	+ 4 4
4989		−58 4740	114837	17910	3017.	7866			13 8 4	−58 34	305 52	+ 3 39
4990	54 VIR	−18 3562	114846	17902	.	7861	8824A		13 8 6	−18 18	310 8	+43 44
4991		−42 8213	114873	17909	.				13 8 14	−42 37	307 17	+19 32
4992		+19 2649	114889	17904	.	7863			13 8 21	+19 15	334 51	+80 13
4993	η MUS	−67 2224	114911	17927	.	7877	A		13 8 28	−67 22	305 11	− 5 7
4994		−69 1784	114912	17931	.				13 8 30	−69 9	305 2	− 6 54
4995	55 VIR	−19 3651	114946	17918	3019.	7874			13 8 50	−19 24	310 12	+42 38
4996		−48 8050	114971	17926	.				13 8 50	−48 25	306 52	+13 45
4997		+40 2633	115004	17916	3020.	7872			13 9 11	+40 41	104 52	+76 11
4998		+12 2572	115046	17933	.	7879	8832		13 9 32	+11 52	322 58	+73 19
4999		−35 8547	115050	17938	.				13 9 32	−35 50	308 15	+26 16
5000		−64 2316	115149	17955	.				13 10 9	−64 36	305 35	− 2 23

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
4951	13 7 39	+ 5 57	−53 27	−32	5.70	−0.07	B8V	−0.043	−0.038	.		.	.		
4952	13 8 7	+ 6 27	−65 18	−32	5.50	−0.02	B0I?+WC6	−0.008	−0.021	.	− 28	2.2	5.8		D
4953	13 6 23	+ 3 57	+62 3	−32	6.16 R	.	gG7	+0.006	−0.043	.	+ 15	.	.		
4954	13 7 11	+ 4 48	+27 38	−32	4.74 R	.	K5III	+0.030	−0.078	+.011	− 16	.	.		
4955	13 7 53	+ 5 14	−10 44	−32	5.19	+1.14	K1III	+0.015	−0.013	+.022	− 9	.	.		G
4956	13 7 54	+ 4 47	+27 33	−32	6.22 R	.	K4III	−0.042	−0.070	.	− 9	.	.		
4957	13 8 33	+ 5 13	− 8 59	−32	5.70 H	.	gK3	−0.036	−0.067	.	+ 16V?	.	.		
4958	13 9 3	+ 5 23	−23 7	−32	5.11 H	.	gK1	−0.023	−0.046	+.008	− 19	.	.		
4959	13 9 14	+ 5 13	− 9 32	−32	6.44 H	.	K0	−0.036	−0.016	.		.	.		
4960	13 9 12	+ 5 0	+10 1	−32	5.80 R	.	gK0	+0.015	−0.009	.	− 0	.	.		
4961	13 9 45	+ 5 14	−10 20	−32	6.20 H	.	gK5	−0.010	−0.019	.	− 7	.	.		
4962	13 9 48	+ 4 55	+16 50	−32	6.05 R	.	gK6	−0.067	−0.019	.	− 17	.	.		
4963	13 9 57	+ 5 11	− 5 32	−32	4.37	−0.02	A1V	−0.036	−0.039	+.022	− 3V	5.0	7.5	3	D
4964	13 9 39	+ 4 37	+37 25	−32	6.00 R	.	gK4	−0.103	−0.002	.	− 19	.	.		
4965	13 10 58	+ 5 57	−52 34	−32	6.29 H	.	A0si	−0.044	−0.028	.		.	.		
4966	13 11 51	+ 6 54	−69 57	−32	5.90	+0.42	F2	+0.046	−0.006	.		5.4	30.8		
4967	13 9 42	+ 4 36	+38 32	−32	6.10 R	−0.12	B7III	−0.016	−0.005	.		.4	290.0	3	D
4968	13 9 59	+ 4 52	+17 31	−32	5.22 H	.	F5V	−0.431	+0.129	+.057	− 18	.0	.9	3	D
4969	13 9 59	+ 4 52	+17 31	−32	5.22 H	.	F5V	−0.431	+0.129	.		.0	.9	3	D
4970	13 11 9	+ 5 42	−42 14	−32	5.78	+0.52	dF5	−0.085	−0.031	.		.	.		
4971	13 10 3	+ 4 35	+38 30	−32	5.98 R	.	F0	−0.073	+0.035	.	+ 0V?	.4	290.0	3	
4972	13 11 53	+ 6 25	−63 18	−32	6.32	+0.44	F0	−0.001	−0.010	.		.	.		
4973	13 11 23	+ 5 43	−43 22	−32	5.32 H	.	gK0	−0.122	−0.036	+.006	− 9	.	.		
4974	13 9 50	+ 3 52	+62 14	−32	6.47 R	.	A0	−0.029	−0.014	.	− 17	.	.		
4975	13 12 18	+ 6 15	−59 55	−32	4.59	−0.08	B8V	−0.045	−0.036	.014D	+ 12	.6	3.4		*
4976	13 14 18	+ 8 20	−78 27	−32	5.84	+1.07	gF8	+0.001	−0.015	.		.	.		
4977	13 12 49	+ 6 37	−66 14	−32	5.89	+0.06	A0	+0.032	−0.007	.		.	.		
4978	13 11 39	+ 5 26	−26 33	−32	6.50	+0.18	A3	−0.073	−0.004	.		.1	.2		
4979	13 12 3	+ 5 35	−37 48	−32	4.84	+0.71	dG3	−0.388	+0.036	+.047	− 15	.	.		
4980	13 12 56	+ 6 16	−59 49	−32	6.15	+0.60	dG0	+0.017	−0.119	.		2.2	25.8		7
4981	13 12 3	+ 5 19	−16 12	−32	5.03	+0.47	F6IV	+0.095	−0.293	+.059	− 14	.	.		
4982	13 12 51	+ 5 44	−42 42	−32	6.12 H	.	K0	−0.024	−0.004	.		.	.		
4983	13 11 52	+ 4 40	+27 53	−30	4.28	+0.57	G0V	−0.799	+0.876	+.120	+ 6	.	.		
4984	13 12 9	+ 4 49	+24 15	−32	6.31 R	.	K1III	−0.018	−0.036	.	− 24	.	.		
4985	13 13 23	+ 5 56	−50 42	−32	6.04 H	.	A0	−0.024	−0.036	.		.0	.4		2
4986	13 12 33	+ 4 59	+11 33	−32	5.66 R	.	K5	−0.053	−0.030	.	+ 25	.	.		
4987	13 12 36	+ 4 53	+18 45	−32	6.38 R	.	G8III	−0.065	−0.010	.	− 20	.	.		
4988	13 14 12	+ 6 13	−58 41	−32	5.96 H	.	K0	−0.082	−0.024	.	− 2	.	.		
4989	13 14 15	+ 6 11	−59 6	−32	4.91	+0.48	F8V	−0.262	−0.169	+.047	− 65	5.3	2.7		
4990	13 13 27	+ 5 21	−18 50	−32	6.27 H	.	A0	−0.023	−0.024	.011D	− 41V	.5	6.8		*
4991	13 13 58	+ 5 44	−43 9	−32	6.14	+1.40	K5II	−0.173	+0.019	.	+ 30	.	.		
4992	13 13 13	+ 4 52	+18 43	−32	6.27 R	.	K1	−0.216	−0.056	.	− 24	.	.		
4993	13 15 15	+ 6 47	−67 54	−32	4.79	−0.09	B8V	−0.032	−0.020	.	+ 5V	3.2	59.		*
4994	13 15 25	+ 6 55	−69 41	−32	6.36	+1.21	K0	−0.091	−0.060	.		.	.		
4995	13 14 11	+ 5 21	−19 56	−32	5.63 H	.	dG6	−0.123	+0.160	+.004	− 45	.	.		
4996	13 14 43	+ 5 53	−48 57	−32	5.86	+1.06	K0	−0.134	−0.090	.		.	.		
4997	13 13 43	+ 4 32	+40 9	−32	4.89 R	.	K0III	−0.049	+0.007	+.003	− 21	.	.		
4998	13 14 31	+ 4 59	+11 20	−32	5.67	+1.50	M0III	+0.072	−0.058	.	+ 12	5.0	47.5		*
4999	13 15 9	+ 5 37	−36 22	−32	6.17	+0.98	K0	−0.017	−0.023	.		.	.		
5000	13 16 45	+ 6 36	−65 8	−32	6.06	+0.44	F5	−0.097	−0.064	.		.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
5001	57 VIR	−19 3653	115202	17951	3028.	7885			13 10 34	−19 25	310 45	+42 34
5002		−66 2142	115211	17959	3027.	7889		VAR?	13 10 29	−66 15	305 28	− 4 2
5003		+73 587	115227	17934	.	7880			13 10 40	+73 20	120 40	+44 13
5004	19 CVN	+41 2374	115271	17953	.	7886			13 11 2	+41 23	104 36	+75 24
5005		− 0 2674	115308	17960	.				13 11 18	− 0 52	315 50	+60 51
5006		−30 10457	115310	17968	3031.	7892			13 11 20	−30 59	309 15	+31 3
5007		+19 2655	115319	17958	.	7888			13 11 23	+19 35	339 26	+80 8
5008		−43 8165	115331	17978	.				13 11 26	−43 27	307 49	+18 39
5009		+81 416	115337	17932	.	7878	B	VAR?	13 11 32	+81 0	121 51	+36 36
5010		+20 2814	115365	17970	.	7893			13 11 41	+20 19	342 20	+80 41
5011	59 VIR	+10 2531	115383	17975	3034.	7894	B		13 11 49	+ 9 57	322 48	+71 19
5012		−71 1458	115439	18004	.				13 12 0	−71 30	305 6	− 9 16
5013		+14 2591	115478	17988	.	7898			13 12 19	+14 12	328 20	+75 16
5014		+ 0 3040	115488	17993	.		F		13 12 23	− 0 9	316 41	+61 30
5015	60 σ VIR	+ 6 2722	115521	17995	3036.	7902			13 12 33	+ 6 0	320 7	+67 28
5016		−50 7660	115529	18003	.				13 12 34	−50 46	307 15	+11 21
5017	20 CVN	+41 2380	115604	18000	3038.	7904		VAR?	13 13 4	+41 6	102 46	+75 31
5018		+69 694	115612	17991	.	7900			13 13 11	+68 56	119 28	+48 33
5019	61 VIR	−17 3813	115617	18007	3039.	7907			13 13 10	−17 45	311 54	+44 8
5020	46 γ HYA	−22 3554	115659	18012	3041.	7911		VAR?	13 13 29	−22 39	311 5	+39 16
5021		+ 4 2721	115709	18015	.	7912			13 13 47	+ 4 13	319 43	+65 40
5022		+34 2410	115723	18010	.	7909			13 13 50	+34 37	84 48	+80 56
5023	21 CVN	+50 1994	115735	18009	3045.	7908		VAR?	13 13 59	+50 12	111 52	+66 52
5024		−59 4912	115778	18030	.		I		13 14 13	−59 15	306 36	+ 2 54
5025		+35 2435	115810	18023	.	7916	8861D		13 14 28	+35 39	88 14	+80 4
5026		−52 6405	115823	18034	.	7921			13 14 33	−52 13	307 24	+ 9 53
5027		−55 5504	115842	18036	.				13 14 36	−55 17	307 5	+ 6 50
5028	ι CEN	−36 8497	115892	18039	3048.	7925			13 14 58	−36 11	309 25	+25 48
5029		−46 8580	115912	18044	.				13 15 4	−46 21	308 10	+15 42
5030		−71 1467	115967	18078	.				13 15 27	−71 37	305 22	− 9 25
5031		+ 3 2758	115995	18050	.	7929	8864		13 15 37	+ 3 28	320 18	+64 50
5032	23 CVN	+40 2647	116010	18048	.	7928			13 15 50	+40 41	100 9	+75 40
5033		−18 3587	116061	18066	.				13 16 7	−18 58	312 36	+42 49
5034		−60 4627	116072	18084	.	7936	IB	VAR?	13 16 8	−60 27	306 42	+ 1 41
5035		−60 4627	116087	18087	.	7939	IA		13 16 10	−60 28	306 42	+ 1 40
5036		−51 7465	116084	18081	.	7935			13 16 11	−51 40	307 43	+10 24
5037		+ 2 2664	116160	18079	.	7934			13 16 37	+ 2 37	320 21	+63 57
5038		−47 8260	116197	18095	.		R4635		13 16 55	−47 25	308 22	+14 36
5039		−47 8261	116226	18099	.				13 17 4	−48 2	308 18	+13 59
5040	64 VIR	+ 5 2737	116235	18091	.	7941			13 17 7	+ 5 41	322 42	+66 51
5041		−63 2732	116243	18107	3055.	7947			13 17 17	−64 1	306 25	− 1 53
5042	ι^1 MUS	−74 1057	116244	18116	.	7952			13 17 14	−74 22	305 10	−12 9
5043		−32 9322	116278	18103	.				13 17 32	−32 40	310 31	+29 13
5044	63 VIR	−16 3650	116292	18104	3056.	7945		VAR?	13 17 40	−17 13	313 30	+44 29
5045		+44 2269	116303	18094	.	7943			13 17 41	+44 26	104 45	+72 7
5046		−49 7884	116338	18110	.				13 17 51	−49 18	308 17	+12 43
5047	65 VIR	− 4 3469	116365	18109	.	7948			13 18 8	− 4 24	317 38	+57 3
5048		−63 2743	116457	18132	3059.	7957	I		13 18 32	−63 58	306 34	− 1 51
5049		−69 1838	116458	18141	.				13 18 33	−70 6	305 48	− 7 56
5050	66 VIR	− 4 3472	116568	18135	.	7960			13 19 21	− 4 38	318 4	+56 45

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
5001	13 15 59	+ 5 25	−19 57	−32	5.21	+1.03	K1IV	+0.305	−0.123	+.041	+ 34	.	.		G
5002	13 17 14	+ 6 45	−66 47	−32	4.86	+1.51	gK1	−0.011	−0.027	+.001	− 10	.	.		
5003	13 13 32	+ 2 52	+72 48	−32	6.41 R	.	A0	+0.021	−0.031	.	+ 2V	.	.		6
5004	13 15 32	+ 4 30	+40 51	−32	5.59 R	.	A5	−0.108	+0.008	.	− 18	.	.		
5005	13 16 26	+ 5 8	− 1 24	−32	6.49 H	.	F0	−0.054	−0.018	.		.	.		
5006	13 16 53	+ 5 33	−31 31	−32	5.36 H	.	K1III	+0.029	−0.053	+.010	+ 13V?	.	.		
5007	13 16 15	+ 4 52	+19 3	−32	6.37 R	.	G5	−0.102	−0.005	.	− 45	.	.		
5008	13 17 14	+ 5 48	−43 59	−32	5.84	+0.20	A m	−0.014	−0.023	.	− 12V	.	.		
5009	13 12 26	+ 0 54	+80 28	−32	6.20 R	.	gG5	−0.009	+0.008	.	− 11	3.5	1.2		2
5010	13 16 32	+ 4 51	+19 47	−32	6.24 R	.	A3	−0.118	+0.017	.	− 33	2.0	204.		D
5011	13 16 47	+ 4 58	+ 9 26	−31	5.23	+0.58	F8V	−0.336	+0.185	+.075	− 26	9.1	34.3		
5012	13 19 18	+ 7 18	−72 2	−32	6.03	+1.35	K2	−0.018	−0.072	.		.	.		
5013	13 17 16	+ 4 57	+13 40	−32	5.42 R	.	K3III	+0.006	+0.031	.	− 26	.	.		
5014	13 17 30	+ 5 7	− 0 41	−32	6.32 H	.	F0	−0.060	−0.031	.		.0	.1		
5015	13 17 36	+ 5 3	+ 5 28	−32	4.79	+1.67	gM2	−0.010	+0.010	+.011	− 27	.	.		
5016	13 18 34	+ 6 0	−51 18	−32	6.18	+0.01	A0	−0.052	−0.032	.		.	.		
5017	13 17 33	+ 4 29	+40 34	−32	4.71	+0.30	F0II-IIIp	−0.123	+0.013	+.014	+ 8	.	.		
5018	13 16 28	+ 3 17	+68 24	−32	6.08 R	−0.06	B9	−0.015	+0.011	.	− 23	.	.		
5019	13 18 24	+ 5 14	−18 18	−33	4.75	+0.71	G6V	−1.075	−1.076	+.115	− 9	.	.		
5020	13 18 55	+ 5 26	−23 11	−32	3.02	+0.92	G8III	+0.069	−0.052	+.021	− 5	.	.		G
5021	13 18 51	+ 5 4	+ 3 41	−32	5.99 R	.	A1IV?	−0.051	−0.017	.	− 1	.	.		6
5022	13 18 28	+ 4 38	+34 5	−32	5.80 R	.	gK5	+0.032	−0.005	.	− 20	.	.		
5023	13 18 14	+ 4 15	+49 40	−32	5.15 R	.	A0	−0.030	+0.011	+.016	− 3	.	.		
5024	13 20 35	+ 6 22	−59 47	−32	6.38 H	.	F2	−0.039	−0.036	.		6.4	13.0		
5025	13 19 4	+ 4 36	+35 7	−32	5.92 R	.	A5	−0.029	+0.005	.	− 2	2.3	311.5	4	
5026	13 20 38	+ 6 5	−52 45	−32	5.70 H	.	B5III	−0.033	−0.030	.	+ 6V	.	.		
5027	13 20 48	+ 6 12	−55 49	−32	6.02	+0.28	B0.5Iab	−0.014	−0.006	.	− 2	.	.		
5028	13 20 35	+ 5 37	−36 43	−32	2.76	+0.04	A2V	−0.339	−0.092	+.046	+ 0	.	.		
5029	13 20 58	+ 5 54	−46 52	−31	5.76	+1.12	K0	−0.080	−0.006	.		.	.		
5030	13 22 52	+ 7 25	−72 8	−31	6.04	+0.09	B5-8V	−0.012	−0.026	.	+ 33V	1.4	.3		7
5031	13 20 41	+ 5 4	+ 2 56	−32	6.21 R	.	A0	−0.060	−0.035	.005D	+ 4	.7	1.7		2
5032	13 20 19	+ 4 29	+40 9	−32	5.55 R	.	gK1	−0.056	−0.012	.	− 21	.	.		
5033	13 21 30	+ 5 23	−19 29	−31	6.18 H	.	A0	−0.068	+0.001	.		.	.		
5034	13 22 36	+ 6 28	−60 58	−31	6.51 H	.	B4Vn	−0.016	−0.025	.	− 7V	1.9	60.5		G
5035	13 22 38	+ 6 28	−60 59	−31	4.52	−0.14	B5V	−0.029	−0.020	.	+ 26V	1.9	60.5		
5036	13 22 16	+ 6 5	−52 11	−31	6.10 H	.	B1	−0.013	−0.010	.	− 15	.	.		
5037	13 21 42	+ 5 5	+ 2 5	−32	5.83 R	.	A0	−0.063	−0.060	.	− 5	.	.		
5038	13 22 53	+ 5 58	−47 56	−31	6.32 H	.	A2	+0.031	−0.006	.		.2	.5		
5039	13 23 3	+ 5 59	−48 33	−31	6.46 H	.	B7IV	−0.014	−0.016	.	− 41	.	.		D
5040	13 22 10	+ 5 3	+ 5 10	−31	5.92 R	.	A m	−0.067	−0.042	.	− 10	.	.		
5041	13 24 0	+ 6 43	−64 32	−31	4.52	+0.85	G5III-IV	+0.035	−0.039	−.004	+ 12	.	.		
5042	13 25 7	+ 7 53	−74 54	−32	5.04	+1.10	gK0	−0.104	−0.139	.	+ 29	.	.		
5043	13 23 9	+ 5 37	−33 11	−31	6.32 H	.	M1	−0.010	−0.012	.		.	.		
5044	13 23 1	+ 5 21	−17 44	−31	5.45 H	.	K0III	−0.049	−0.035	−.001	− 27	.	.		
5045	13 22 3	+ 4 22	+43 55	−31	6.32 R	.	A8s	−0.072	+0.003	.	− 1	.	.		
5046	13 23 52	+ 6 1	−49 49	−31	6.47	+0.96	K0	−0.071	−0.053	.		.	.		
5047	13 23 19	+ 5 11	− 4 55	−31	5.94 H	.	gK3	−0.019	−0.021	.	+ 10	.	.		
5048	13 25 14	+ 6 42	−64 29	−31	5.30	+0.41	F2	−0.161	−0.038	+.003	− 2	6.0	27.1		
5049	13 25 51	+ 7 18	−70 37	−31	5.66	−0.03	A p	−0.056	−0.021	.		.	.		
5050	13 24 33	+ 5 12	− 5 9	−31	5.76 H	.	dF3	+0.157	−0.036	.	+ 14V	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
5051	ι^2 MUS	−74 1059	116579	18157	.				13 19 21	−74 10	305 21	−11 59
5052		+37 2404	116581	18127	.	7955			13 19 22	+37 33	90 17	+77 57
5053		+13 2663	116594	18139	.	7961			13 19 34	+12 57	332 20	+73 23
5054	79 ζ UMA	+55 1598	116656	18133	3062.	7958	8891A	VAR?	13 19 54	+55 27	113 8	+61 34
5055	79 ζ UMA	+55 1598	116657	18134	.	7959	8891B	VAR?	13 19 55	+55 27	113 8	+61 34
5056	67 α VIR	−10 3672	116658	18144	3063.	7963		α VIR	13 19 55	−10 38	316 6	+50 52
5057		+24 2578	116706	18147	.	7964			13 20 21	+24 23	11 33	+81 44
5058		−39 8246	116713	18153	3064.	7965			13 20 20	−39 14	310 8	+22 38
5059		− 0 2686	116831	18163	.				13 21 4	− 0 40	320 46	+60 29
5060		−40 7894	116835	18166	.				13 21 7	−40 59	310 2	+20 53
5061		−48 8202	116836	18170	.		F		13 21 4	−48 38	308 54	+13 19
5062	80 UMA	+55 1603	116842	18155	3066.	7966		VAR?	13 21 13	+55 31	112 48	+61 27
5063		−48 8206	116862	18174	.	7977			13 21 18	−48 52	308 55	+13 4
5064	68 VIR	−11 3516	116870	18168	.	7971		VAR?	13 21 26	−12 11	316 11	+49 16
5065		−39 8260	116873	18176	.		I		13 21 27	−39 39	310 18	+22 12
5066		−68 1929	116890	18189	.				13 21 31	−69 6	306 12	− 6 59
5067		+46 1868	116957	18171	.	7972			13 21 59	+46 33	105 10	+69 52
5068	69 VIR	−15 3668	116976	18181	3070.	7980		VAR?	13 22 7	−15 27	315 26	+46 2
5069		−64 2418	117025	18206	.				13 22 19	−64 9	306 57	− 2 5
5070		+64 949	117043	18173	3071.	7974			13 22 35	+63 46	116 24	+53 26
5071		−50 7812	117150	18220	3075.	7995			13 23 17	−50 39	308 59	+11 16
5072	70 VIR	+14 2621	117176	18212	3076.	7991			13 23 32	+14 19	337 42	+74 7
5073		+73 592	117187	18183	.	7981	B		13 23 35	+72 55	119 16	+44 29
5074		+65 935	117200	18196	.	7983	A		13 23 43	+65 15	116 47	+51 58
5075		+65 936	117201	18198	.	7984	B		13 23 49	+65 13	116 45	+52 0
5076		+53 1622	117242	18213	.	7992			13 23 59	+53 16	110 30	+63 29
5077		+41 2400	117261	18218	.	7994			13 24 2	+41 15	96 1	+74 24
5078		− 0 2694	117267	18228	.	8000			13 24 7	− 0 51	322 9	+60 6
5079		+51 1846	117281	18217	.	7993			13 24 6	+51 6	108 47	+65 31
5080	R HYA	−22 3601	117287	18239	.	8006	8920	R HYA	13 24 15	−22 46	314 13	+38 45
5081	71 VIR	+11 2575	117304	18234	.	8003			13 24 16	+11 20	333 19	+71 26
5082	S CHA	−76 767	117360	18279	3077.	8016	I	S CHA	13 24 35	−77 3	305 16	−14 53
5083		+51 1847	117361	18230	.	8002			13 24 39	+51 14	108 42	+65 22
5084	κ OCT	−85 384	117374	18357	.	8044			13 24 42	−85 16	303 55	−21 0
5085		+60 1461	117376	18226	3078.	7998			13 24 47	+60 28	114 32	+56 34
5086		+ 7 2655	117404	18249	.	8010			13 24 59	+ 7 42	329 19	+68 4
5087		+ 6 2750	117405	18248	.	8009			13 24 56	+ 6 32	328 6	+67 0
5088	72 VIR	− 5 3706	117436	18251	.	8014	8924	VAR?	13 25 13	− 5 57	320 1	+55 7
5089		−38 8592	117440	18254	3082.	8015	I	VAR?	13 25 15	−38 53	311 13	+22 50
5090		−27 9278	117558	18277	.				13 26 0	−27 35	313 36	+33 57
5091		+79 422	117566	18223	.	7997			13 26 6	+79 10	120 43	+38 19
5092		−37 8695	117597	18286	.				13 26 18	−37 53	311 37	+23 48
5093		−64 2465	117651	18300	.				13 26 37	−65 7	307 16	− 3 7
5094	73 VIR	−17 3877	117661	18287	.		B		13 26 39	−18 13	316 8	+43 6
5095	74 VIR	− 5 3714	117675	18288	3088.	8020			13 26 46	− 5 44	320 46	+55 13
5096		+42 2405	117710	18283	3089.	8018			13 26 56	+42 37	96 59	+72 57
5097		−28 10128	117716	18295	.				13 27 2	−28 11	313 44	+33 19
5098		−28 10127	117718	18294	.				13 26 59	−29 3	313 32	+32 28
5099	75 VIR	−14 3739	117789	18305	.	8025			13 27 31	−14 51	317 28	+46 21
5100	76 VIR	− 9 3711	117818	18309	3091.	8026			13 27 42	− 9 39	319 26	+51 23

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
5051	13 27 18	+ 7 57	−74 41	−31	6.62	−0.06	B9	−0.039	−0.030	.		.	.		
5052	13 23 54	+ 4 32	+37 2	−31	6.17 R	.	gM4	+0.021	−0.014	.	+ 0	.	.		
5053	13 24 31	+ 4 57	+12 26	−31	6.36 R	.	K0III	−0.018	+0.034	.	− 6V	.	.		6
5054	13 23 56	+ 4 2	+54 56	−31	2.40 H	.	A2V	+0.124	−0.028	+.037	− 9V	2.1	14.8		*
5055	13 23 56	+ 4 1	+54 56	−31	3.96 H	.	A m	+0.118	−0.036	.	− 9V	2.1	14.8		*
5056	13 25 11	+ 5 16	−11 9	−31	0.96	−0.23	B1V	−0.041	−0.035	+.021	+ 1V	.	.		*
5057	13 25 7	+ 4 46	+23 52	−31	5.63 R	+0.06	A3V	−0.008	−0.015	.	− 1V?	.	.		
5058	13 26 8	+ 5 48	−39 45	−31	5.25 H	.	gK1p	+0.182	−0.065	+.006	+ 68	.	.		S
5059	13 26 11	+ 5 7	− 1 11	−31	6.01 H	.	A3	−0.112	−0.001	.		.	.		
5060	13 26 56	+ 5 49	−41 30	−31	5.76 H	.	K2	−0.009	−0.026	.		.	.		
5061	13 27 6	+ 6 2	−49 9	−31	6.31 H	.	A0	−0.025	−0.015	.		.0	.1		
5062	13 25 13	+ 4 0	+55 0	−31	4.01	+0.16	A5V	+0.119	−0.024	+.037	− 8V	.	.		*
5063	13 27 21	+ 6 3	−49 23	−31	6.27	−0.14	B3	+0.007	+0.000	.	− 10V?	.	.		
5064	13 26 43	+ 5 17	−12 42	−31	5.26	+1.53	M0III	−0.135	−0.024	.	− 29	.	.		G
5065	13 27 14	+ 5 47	−40 10	−31	6.52 H	.	K0	−0.012	−0.010	.		5.5	45.4		
5066	13 28 46	+ 7 15	−69 37	−31	6.19	+0.02	B9	−0.036	−0.057	.		.	.		
5067	13 26 16	+ 4 17	+46 2	−31	5.81 R	.	gK0	+0.024	−0.029	.	+ 4	.	.		
5068	13 27 27	+ 5 20	−15 58	−31	4.75	+1.09	K1III	−0.121	+0.018	+.051	− 14	.	.		
5069	13 29 7	+ 6 48	−64 40	−31	6.10	+0.11	A1p	−0.077	−0.018	.		.	.		
5070	13 26 0	+ 3 25	+63 15	−31	6.43 R	.	dG6	−0.391	+0.213	+.025	− 31	.	.		
5071	13 29 25	+ 6 8	−51 10	−31	5.05	+0.07	A2	−0.006	−0.027	+.006	− 2	.	.		
5072	13 28 25	+ 4 53	+13 47	−32	4.98	+0.71	G5V	−0.237	−0.583	+.041	+ 4	.	.		
5073	13 26 8	+ 2 33	+72 24	−31	5.88 R	.	gM1	+0.022	−0.014	.	− 48	7.4	25.9		
5074	13 27 5	+ 3 22	+64 44	−31	6.66 H	.	F0	−0.068	+0.024	.	− 13	.4	69.		D
5075	13 27 11	+ 3 22	+64 42	−31	7.01 H	.	F0	−0.063	+0.028	.	− 15	.4	69.		D
5076	13 28 0	+ 4 1	+52 45	−31	6.11 R	.	F0	−0.115	−0.016	.	− 7	.	.		
5077	13 28 27	+ 4 25	+40 44	−31	6.41 R	.	K0	+0.008	−0.063	.	− 58	.	.		
5078	13 29 15	+ 5 8	− 1 22	−31	6.36 H	.	gK0	−0.045	−0.068	.	+ 39	.	.		
5079	13 28 12	+ 4 6	+50 35	−31	6.74 R	.	A5	−0.113	+0.033	.	− 16	.	.		
5080	13 29 43	+ 5 28	−23 17	−31	3.5 H	.	gM7e	−0.057	+0.008	.	− 10	8.5	21.6		D
5081	13 29 13	+ 4 57	+10 49	−31	5.68 R	.	gG9	−0.062	−0.046	.	− 1V?	.	.		
5082	13 33 17	+ 8 42	−77 34	−31	7.0 H	.	F5	−0.334	−0.119	+.029	− 41	3.0	22.6		3
5083	13 28 46	+ 4 7	+50 43	−31	6.17 R	.	dF2	+0.029	−0.091	.	− 7	.	.		
5084	13 40 54	+ 16 12	−85 47	−31	5.57	+0.18	A2	−0.084	−0.024	.	− 9V	.	.		*
5085	13 28 27	+ 3 40	+59 57	−31	5.38 R	.	A1	−0.081	+0.035	+.021	− 7	.	.		G
5086	13 30 0	+ 5 1	+ 7 11	−31	6.13 R	.	K5	+0.007	−0.004	.	− 3	.	.		
5087	13 29 58	+ 5 2	+ 6 1	−31	6.28 R	.	K0	−0.019	+0.044	.	− 19	.	.		
5088	13 30 26	+ 5 13	− 6 28	−31	6.07 H	.	A5	+0.040	+0.011	.	− 9V	5.3	30.1		*
5089	13 31 3	+ 5 48	−39 24	−31	3.88	+1.19	G8III	−0.016	−0.022	+.007	− 3	.3	.2		D
5090	13 31 33	+ 5 33	−28 6	−31	6.46	+0.10	A0III-IV	−0.065	−0.006	.	− 4	.	.		
5091	13 26 57	+ 0 51	+78 39	−31	5.74 R	.	gG4	−0.136	+0.026	.	+ 15	.	.		
5092	13 32 5	+ 5 47	−38 24	−31	6.14	+1.04	gK1	+0.031	−0.051	.		.	.		
5093	13 33 35	+ 6 58	−65 38	−31	6.36	−0.02	A3m	−0.042	−0.024	.		.	.		
5094	13 32 3	+ 5 24	−18 44	−31	5.93 H	.	A4m	−0.097	−0.021	.		.0	.1		2
5095	13 31 58	+ 5 12	− 6 15	−31	4.68	+1.63	gM3	−0.101	−0.048	+.017	+ 18	.	.		
5096	13 31 16	+ 4 20	+42 6	−31	5.94 R	.	gK2	−0.094	+0.019	+.001	− 20	.	.		
5097	13 32 36	+ 5 34	−28 42	−31	5.67 H	.	A1	−0.106	−0.035	.		.	.		
5098	13 32 34	+ 5 35	−29 34	−31	6.44	+0.44	F5	−0.075	−0.004	.	− 20	.	.		
5099	13 32 52	+ 5 21	−15 22	−31	5.65 H	.	gK2	−0.075	−0.009	.	− 40	.	.		
5100	13 32 58	+ 5 16	−10 10	−31	5.43 H	.	K0III	−0.034	−0.043	+.018	− 1	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
5101	S VIR	− 6 3837	117833	18312	.	8027		S VIR	13 27 47	− 6 41	320 45	+54 14
5102		+25 2643	117876	18313	.	8028	8937		13 28 4	+24 52	18 39	+80 18
5103		−47 8417	117919	18333	.		R4701		13 28 24	−47 46	310 17	+13 59
5104		−32 9459	118010	18343	.			VAR?	13 29 3	−32 48	313 14	+28 42
5105	78 VIR	+ 4 2764	118022	18335	3098.	8035		VAR?	13 29 4	+ 4 10	328 15	+64 25
5106		−12 3843	118054	18348	.	8039	8954	VAR?	13 29 21	−12 42	318 51	+48 19
5107	79 ζ VIR	+ 0 3076	118098	18351	3100.	8040			13 29 36	− 0 5	325 15	+60 24
5108		+39 2658	118156	18352	.	8041	8956		13 29 57	+39 18	88 6	+75 18
5109	81 UMA	+56 1667	118214	18353	3103.	8042			13 30 17	+55 52	110 31	+60 44
5110		+37 2426	118216	18359	3104.	8045			13 30 20	+37 42	83 23	+76 24
5111	80 VIR	− 4 3515	118219	18366	.	8048			13 30 19	− 4 53	322 42	+55 47
5112	24 CVN	+49 2227	118232	18356	3105.	8043		VAR?	13 30 22	+49 32	105 1	+66 35
5113		−61 3841	118261	18384	.	8054	I		13 30 25	−61 11	308 19	+ 0 42
5114		+10 2565	118266	18368	.	8049			13 30 35	+10 43	336 34	+70 9
5115		−75 882	118285	18406	.				13 30 38	−75 10	305 57	−13 5
5116		+44 2285	118295	18370	.	8050			13 30 59	+44 43	98 31	+70 47
5117		−33 9189	118319	18387	.				13 31 7	−33 57	313 28	+27 29
5118		−43 8418	118338	18391	.				13 31 8	−43 38	311 31	+17 58
5119		−69 1898	118344	18410	.				13 31 10	−69 56	306 54	− 7 56
5120		−25 9900	118349	18389	3110.	8055	8966A		13 31 15	−25 59	315 23	+35 17
5121		−45 8578	118354	18395	.				13 31 21	−45 55	311 8	+15 43
5122		−57 6169	118384	18405	.		I		13 31 34	−57 54	309 2	+ 3 55
5123		+25 2652	118508	18399	.	8058			13 32 17	+25 7	21 40	+79 28
5124		−56 5856	118520	18428	.		F		13 32 17	−57 7	309 16	+ 4 40
5125		−70 1653	118522	18448	.				13 32 20	−70 17	306 57	− 8 18
5126		+50 2014	118536	18400	.	8059			13 32 36	+50 0	104 42	+66 0
5127	25 CVN	+37 2433	118623	18421	3116.	8063	8974		13 33 1	+36 48	78 59	+76 37
5128		−28 10181	118646	18442	.				13 33 5	−29 3	315 5	+32 12
5129		+15 2602	118660	18434	.	8066			13 33 14	+14 48	345 32	+73 11
5130		−63 2896	118666	18457	.				13 33 11	−64 4	308 8	− 2 11
5131		+77 516	118686	18390	.	8056			13 33 24	+77 4	119 39	+40 17
5132	ε CEN	−52 6655	118716	18458	.	8073	R4734		13 33 33	−52 57	310 11	+ 8 44
5133		+51 1856	118741	18437	.	8067	8979		13 33 43	+51 13	105 34	+64 50
5134		−49 8095	118767	18462	.				13 33 49	−49 27	310 53	+12 10
5135		−39 8390	118781	18459	.				13 33 48	−39 14	312 55	+22 12
5136		−39 8392	118799	18461	.				13 33 56	−39 33	312 53	+21 53
5137		+19 2697	118839	18454	.	8072			13 34 14	+18 46	356 26	+75 55
5138		+11 2589	118889	18466	3120.	8076	8987	VAR?	13 34 39	+11 15	339 53	+70 5
5139		+71 659	118904	18445	.	8071			13 34 47	+71 45	117 43	+45 25
5140		−58 5059	118978	18500	.	8092			13 35 23	−58 17	309 27	+ 3 27
5141		−53 5725	118991	18495	.	8089	IA		13 35 20	−54 3	310 15	+ 7 36
5142	82 UMA	+53 1640	119024	18473	3123.	8077			13 35 38	+53 26	107 4	+62 41
5143		+31 2526	119035	18479	.	8083			13 35 43	+31 31	55 52	+78 39
5144	1 BOO	+20 2858	119055	18485	.	8085	8991		13 35 54	+20 28	3 6	+76 39
5145		+28 2248	119081	18491	.	8087			13 36 2	+28 35	40 47	+79 4
5146		−22 3645	119086	18502	.		8994		13 36 0	−22 57	317 32	+38 0
5147	T CEN	−32 9549	119090	18505	.	8094		T CEN	13 36 2	−33 6	314 48	+28 7
5148		+51 1859	119124	18492	3125.	8088	8992		13 36 25	+51 1	104 28	+64 49
5149	2 BOO	+23 2600	119126	18499	.	8091			13 36 19	+23 0	13 16	+77 51
5150	82 VIR	− 7 3674	119149	18509	3126.	8095			13 36 22	− 8 12	323 25	+52 10

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
5101	13 33 1	+ 5 14	− 7 12	−31	6.0 H	.	gM7e	+0.046	−0.012	.	+ 10	.	.		
5102	13 32 48	+ 4 44	+24 21	−31	6.11	+0.96	K0III	+0.048	−0.213	.	+ 6	6.2	1.6		2
5103	13 34 29	+ 6 5	−48 17	−31	6.44 H	.	A0	−0.032	−0.020	.		2.5	.6		
5104	13 34 44	+ 5 41	−33 19	−31	6.48 H	.	K2	−0.093	−0.011	.		.	.		
5105	13 34 8	+ 5 4	+ 3 39	−31	4.94	+0.04	A p	+0.039	−0.031	+.016	− 12V	.	.		G
5106	13 34 40	+ 5 19	−13 13	−31	5.81 H	.	A1p	−0.048	−0.018	.007D	− 20	.5	.5	3	D
5107	13 34 42	+ 5 6	− 0 36	−31	3.36	+0.11	A3Vn	−0.285	+0.034	+.035	− 13	.	.		G
5108	13 34 22	+ 4 25	+38 47	−31	6.12 R	.	A3	+0.013	+0.016	.	− 9	4.8	33.4		1
5109	13 34 8	+ 3 51	+55 21	−31	5.43 R	.	A0si	−0.021	−0.010	+.011	− 9	.	.		
5110	13 34 48	+ 4 28	+37 11	−31	4.95	+0.38	F2IV	+0.088	−0.015	+.019	+ 7V	.	.		R
5111	13 35 31	+ 5 12	− 5 24	−31	5.75 H	.	G6III	+0.016	+0.076	.	− 8	.	.		
5112	13 34 27	+ 4 5	+49 1	−31	4.58 R	.	A4V	−0.125	+0.019	+.030	− 12V	.	.		
5113	13 37 12	+ 6 47	−61 42	−31	5.62	+0.50	dF5	+0.138	−0.124	.032D	+ 40	.3	.4	3	D
5114	13 35 33	+ 4 58	+10 12	−31	4.31 R	.	K1III	+0.074	−0.068	.	+ 33	2.0	70.		*
5115	13 39 11	+ 8 33	−75 41	−31	6.33	+0.01	A0	−0.023	−0.026	.		.	.		
5116	13 35 14	+ 4 15	+44 12	−31	6.63 R	.	F0	−0.019	+0.008	.	− 26	.	.		
5117	13 36 50	+ 5 43	−34 28	−31	6.62 H	.	G5	−0.016	−0.035	.		.	.		
5118	13 37 6	+ 5 58	−44 9	−31	5.96	+0.94	K0	−0.055	−0.023	.		.	.		
5119	13 38 45	+ 7 35	−70 27	−31	6.09	+1.42	K2	−0.076	−0.050	.		.	.		
5120	13 36 48	+ 5 33	−26 30	−31	5.49 H	.	A3	−0.093	+0.013	+.014	− 10	1.9	10.9		*
5121	13 37 24	+ 6 3	−46 26	−31	6.04 H	.	B8	−0.012	−0.042	.		.	.		
5122	13 38 8	+ 6 34	−58 25	−31	6.41	+1.12	gG8	−0.005	−0.047	.		4.3	2.7		
5123	13 36 59	+ 4 42	+24 36	−31	5.68 R	.	gM2	−0.027	−0.010	.	− 31	.	.		
5124	13 38 49	+ 6 32	−57 38	−31	6.04 H	.	K0	−0.003	−0.024	.		.0	.1		
5125	13 40 1	+ 7 41	−70 48	−31	6.58	+1.30	gK0	−0.017	−0.039	.		.	.		
5126	13 36 40	+ 4 4	+49 29	−31	6.43 R	.	K1III	−0.004	−0.021	.	− 10	.	.		
5127	13 37 28	+ 4 27	+36 17	−31	4.86BR	.	A7III	−0.100	+0.019	+.029	− 6	1.9	1.5		D
5128	13 38 42	+ 5 37	−29 34	−31	5.82	+0.40	F6IV-V	−0.081	−0.077	.	+ 4	.	.		
5129	13 38 7	+ 4 53	+14 17	−31	6.31 R	.	gF0	+0.033	−0.028	.	− 2	.	.		
5130	13 40 11	+ 7 0	−64 35	−31	5.78	+0.40	gF4	−0.053	−0.023	.		.	.		
5131	13 34 43	+ 1 19	+76 33	−31	6.52 R	.	K5	−0.026	−0.006	.	− 14	.	.		
5132	13 39 53	+ 6 20	−53 28	−31	2.30	−0.23	B1V	−0.023	−0.023	.	+ 6	10.9	37.6		
5133	13 37 43	+ 4 0	+50 42	−31	6.44 R	.	M2II-III	−0.011	−0.008	.003D	− 48	1.5	1.9		D
5134	13 40 0	+ 6 11	−49 57	−30	5.62 H	.	gM7	−0.115	+0.004	.	− 11	.	.		
5135	13 39 40	+ 5 52	−39 45	−31	6.36 H	.	M4	−0.024	−0.030	.		.	.		
5136	13 39 49	+ 5 53	−40 4	−31	5.72 H	.	K0	−0.048	−0.066	.		.	.		
5137	13 39 3	+ 4 49	+18 15	−31	6.31 R	.	gK6	−0.046	−0.026	.	− 11	.	.		
5138	13 39 35	+ 4 56	+10 45	−30	5.46 R	.	A6n	−0.115	−0.020	+.008	− 18	.0	.4		D
5139	13 37 11	+ 2 24	+71 14	−31	5.54 R	.	gK2	−0.039	−0.006	.	+ 15	.	.		
5140	13 42 1	+ 6 38	−58 47	−30	5.37	−0.03	B9IV	−0.031	−0.020	.	− 30V	.	.		
5141	13 41 44	+ 6 24	−54 33	−30	5.65 H	.	B8V	−0.049	−0.055	.003D	+ 2	1.4	5.5		2
5142	13 39 30	+ 3 52	+52 56	−30	5.36 R	.	A2	−0.141	+0.053	+.009	− 18	.	.		
5143	13 40 16	+ 4 33	+31 1	−30	5.96 R	.	G5II?	−0.079	+0.080	.	− 18	.	.		6
5144	13 40 41	+ 4 47	+19 58	−30	5.57 R	+0.00	A1V	−0.049	+0.015	.018D	− 25V?	2.9	5.0		D
5145	13 40 39	+ 4 37	+28 5	−30	6.22 R	.	K2	−0.069	+0.008	.	− 63	.	.		
5146	13 41 31	+ 5 31	−23 27	−30	6.42 H	.	A0	−0.014	−0.003	.		3.3	31.1	3	D
5147	13 41 46	+ 5 44	−33 36	−30	5.6 H	.	gM0e	−0.019	+0.019	.	+ 28	.	.		
5148	13 40 23	+ 3 58	+50 31	−30	6.26 R	.	dF9	−0.131	+0.052	+.050	− 10	3.3	17.9		3
5149	13 41 3	+ 4 44	+22 30	−30	5.63 R	.	gG9	−0.021	−0.032	.	+ 5	.	.		
5150	13 41 37	+ 5 15	− 8 42	−30	5.16 H	.	M2III	−0.098	+0.034	+.011	− 37	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
5151		−56 5891	119159	18517	.	8097			13 36 24	−56 16	309 58	+ 5 24
5152		−50 7983	119193	18521	.				13 36 39	−50 17	311 11	+11 16
5153		+57 1456	119213	18496	.	8090			13 36 42	+57 43	110 11	+58 41
5154	83 UMA	+55 1625	119228	18504	3127.	8093		VAR?	13 36 57	+55 11	108 11	+61 1
5155		−40 8096	119250	18526	.				13 36 59	−40 54	313 12	+20 27
5156		+ 9 2798	119288	18520	3128.	8099			13 37 17	+ 8 54	337 59	+67 45
5157		−41 8089	119361	18546	.		R4765		13 37 42	−41 34	313 12	+19 46
5158		−50 7998	119419	18555	.				13 37 59	−50 31	311 21	+11 0
5159	84 VIR	+ 4 2775	119425	18540	3129.	8107	9000	VAR?	13 38 2	+ 4 3	332 47	+63 24
5160		+42 2431	119445	18538	.	8105			13 38 13	+42 11	90 32	+72 5
5161		+35 2474	119458	18539	.	8106			13 38 16	+35 30	71 47	+76 31
5162		+65 953	119476	18527	.	8103			13 38 23	+65 20	114 26	+51 28
5163		− 4 3540	119537	18562	.	8110			13 38 42	− 5 0	326 7	+55 0
5164		+23 2606	119584	18564	.	8111			13 39 2	+23 12	15 19	+77 21
5165	83 VIR	−15 3731	119605	18568	.	8112			13 39 6	−15 41	321 1	+44 49
5166		−24 11057	119623	18571	.				13 39 12	−25 0	317 48	+35 50
5167		−25 9972	119752	18592	.				13 40 2	−25 37	317 50	+35 11
5168	1 CEN	−32 9603	119756	18593	3132.	8121			13 40 0	−32 32	315 52	+28 29
5169		+52 1733	119765	18572	.	8115			13 40 2	+52 34	104 56	+63 11
5170	85 VIR	−15 3735	119786	18595	.	8122			13 40 12	−15 16	321 33	+45 9
5171		−61 4003	119796	18610	.		I		13 40 12	−62 5	309 18	+ 0 24
5172		−50 8017	119834	18607	3134.	8126	I	VAR?	13 40 19	−50 56	311 38	+10 31
5173	86 VIR	−11 3591	119853	18604	.	8124	9018		13 40 37	−11 56	323 9	+48 18
5174		−35 8995	119921	18618	3136.	8129	I		13 41 7	−35 45	315 17	+25 18
5175		−49 8194	119938	18622	.				13 41 9	−49 45	312 1	+11 38
5176		−49 8198	119971	18627	3137.	8134			13 41 22	−49 49	312 2	+11 34
5177		+56 1683	119992	18605	3138.	8125			13 41 31	+56 23	108 0	+59 39
5178		− 8 3639	120033	18630	.	8135	R4802		13 41 56	− 9 13	324 58	+50 46
5179		+41 2424	120047	18620	3139.1	8130			13 41 59	+41 35	87 32	+72 4
5180		+39 2678	120048	18621	.	8131			13 41 59	+39 0	81 8	+73 51
5181	87 VIR	−17 3932	120052	18632	.	8136			13 41 59	−17 22	321 16	+43 1
5182	3 BOO	+26 2494	120064	18623	.	8132			13 42 5	+26 12	29 29	+77 33
5183		+ 7 2690	120066	18625	3140.	8133			13 42 0	+ 6 51	337 52	+65 23
5184		+78 466	120084	18583	3142.	8118			13 42 13	+78 34	119 34	+38 43
5185	4 τ BOO	+18 2782	120136	18637	3144.	8140	9025	VAR?	13 42 31	+17 57	358 57	+73 53
5186		+39 2680	120164	18636	.	8139			13 42 41	+39 3	80 57	+73 42
5187	84 UMA	+55 1634	120198	18633	.	8137			13 42 52	+54 56	106 23	+60 53
5188		−82 585	120213	18731	.				13 42 52	−82 10	305 5	−20 3
5189		−35 9019	120237	18652	3146.	8146	I		13 43 10	−35 12	315 52	+25 44
5190	ν CEN	−41 8171	120307	18665	.	8151		VAR?	13 43 30	−41 11	314 25	+19 54
5191	85 η UMA	+50 2027	120315	18643	3147.	8142		VAR?	13 43 36	+49 49	100 43	+65 19
5192	2 CEN	−33 9358	120323	18666	3149.	8152		VAR?	13 43 39	−33 57	316 19	+26 55
5193	μ CEN	−41 8172	120324	18667	.	8154	I	μ CEN	13 43 35	−41 59	314 14	+19 7
5194		−68 2014	120404	18696	.				13 44 1	−68 54	308 14	− 7 8
5195		+31 2547	120420	18662	.	8149			13 44 8	+31 41	54 22	+76 53
5196	89 VIR	−17 3937	120452	18676	3151.	8161			13 44 26	−17 38	321 55	+42 35
5197		−28 10277	120455	18681	.			VAR?	13 44 26	−28 35	318 4	+32 4
5198		−39 8501	120457	18682	.				13 44 22	−39 24	315 2	+21 36
5199	R CVN	+40 2694	120499	18671	3155.	8157		R CVN	13 44 40	+40 2	82 40	+72 46
5200	5 υ BOO	+16 2564	120477	18674	3156.	8159		VAR?	13 44 39	+16 18	355 49	+72 25

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
5151	13 42 56	+ 6 32	−56 46	−30	6.30 H	.	B2IV	−0.017	−0.022	.	− 48V?	.	.		
5152	13 42 55	+ 6 16	−50 47	−30	6.29 H	.	K0	−0.010	−0.034	.		.	.		
5153	13 40 21	+ 3 39	+57 13	−30	6.11 R	.	A1	−0.056	+0.018	.	− 0	.	.		
5154	13 40 45	+ 3 48	+54 41	−30	4.73	+1.67	M2III	−0.022	−0.014	+.014	− 17.	.	.		
5155	13 42 55	+ 5 56	−41 24	−30	6.00 H	.	K0	−0.063	−0.054	.		.	.		
5156	13 42 13	+ 4 56	+ 8 24	−30	5.88 R	.	dF3	−0.384	−0.096	+.036	− 11	.	.		
5157	13 43 40	+ 5 58	−42 4	−30	6.10 H	.	B9	−0.030	−0.011	.		3.9	.9	3	D
5158	13 44 16	+ 6 17	−51 1	−30	6.46	−0.16	A si	−0.039	−0.048	.		.	.		
5159	13 43 4	+ 5 2	+ 3 33	−30	5.37	+1.10	K2III	−0.293	−0.077	+.004	− 42	2.4	3.5		*
5160	13 42 29	+ 4 16	+41 41	−30	6.13 R	.	K0	−0.091	+0.000	.	− 33	.	.		
5161	13 42 43	+ 4 27	+35 0	−30	5.83 R	.	gG2	+0.018	+0.004	.	− 15	.	.		6
5162	13 41 30	+ 3 7	+64 50	−30	5.67 R	.	A0	+0.052	−0.019	.	− 5	.	.		6
5163	13 43 54	+ 5 12	− 5 30	−30	6.47 H	.	A0	−0.054	−0.025	.	− 22V	.	.		6
5164	13 43 45	+ 4 43	+22 42	−30	6.27 R	.	gK4	+0.048	−0.043	.	+ 9	.	.		G
5165	13 44 30	+ 5 24	−16 11	−30	5.60	+0.81	G0II	+0.010	−0.010	.	+ 1	.	.		G
5166	13 44 46	+ 5 34	−25 30	−30	6.25 H	.	K0	−0.054	−0.025	.		.	.		
5167	13 45 37	+ 5 35	−26 7	−30	5.80	+0.02	A0	−0.073	−0.018	.		.	.		
5168	13 45 41	+ 5 41	−33 2	−30	4.22	+0.38	F2III	−0.460	−0.151	+.045	− 22V	.	.		*
5169	13 43 55	+ 3 53	+52 4	−30	5.72 R	.	A0	−0.026	−0.011	.	− 12	.	.		
5170	13 45 35	+ 5 23	−15 46	−30	6.15 H	.	A0	−0.046	−0.031	.	− 41V	.	.		
5171	13 47 10	+ 6 58	−62 35	−30	6.23 H	+1.84	cG	−0.018	−0.021	.		4.2	9.7		
5172	13 46 39	+ 6 20	−51 26	−30	4.64	+0.96	gG9	+0.004	−0.040	+.012	− 6V	6.3	35.		R
5173	13 45 57	+ 5 20	−12 26	−30	5.82 H	.	gG7	−0.021	+0.000	.	− 11	5.0	1.6	4	D
5174	13 46 57	+ 5 50	−36 15	−30	5.24 H	.	A0	−0.015	−0.024	+.012	− 10	8.0	27.6		
5175	13 47 27	+ 6 18	−50 15	−30	5.90	+0.30	A3m	+0.066	−0.019	.	+ 16	.	.		
5176	13 47 38	+ 6 16	−50 19	−30	5.44	+1.36	gK5	−0.153	−0.030	+.008	+ 30	.	.		
5177	13 45 13	+ 3 42	+55 52	−31	6.32 R	.	dF4	+0.102	−0.368	+.026	− 4	.	.		
5178	13 47 13	+ 5 17	− 9 43	−30	6.24 H	.	gK5	+0.004	−0.044	.	+ 7	1.6	.8		2
5179	13 46 14	+ 4 15	+41 5	−30	5.71 R	.	A3	−0.115	−0.050	+.014	− 12V?	.	.		
5180	13 46 19	+ 4 20	+38 30	−30	5.86 R	.	gG5	−0.051	−0.009	.	− 14	.	.		
5181	13 47 25	+ 5 26	−17 52	−30	5.44	+1.62	M1III	+0.057	−0.041	.	+ 64	.	.		
5182	13 46 44	+ 4 39	+25 42	−30	5.84 R	.	dF3	−0.019	−0.064	.	+ 8V	.	.		R
5183	13 46 57	+ 4 57	+ 6 21	−30	6.32 H	.	dG2	−0.513	−0.114	+.025	− 31	.	.		
5184	13 42 39	+ 0 26	+78 4	−30	5.85 R	.	gG7	−0.068	+0.040	+.031	− 7	.	.		
5185	13 47 16	+ 4 45	+17 27	−30	4.51	+0.48	F7V	−0.483	+0.029	+.056	− 16	6.6	10.3		D
5186	13 47 0	+ 4 19	+38 33	−30	5.43 R	.	K0III	−0.137	−0.025	.	− 10	.	.		
5187	13 46 36	+ 3 44	+54 26	−30	5.49 R	−0.09	A p	−0.019	−0.007	.	− 5	.	.		
5188	13 55 39	+ 12 47	−82 40	−30	5.94	+1.46	K2	−0.008	−0.028	.		.	.		
5189	13 48 56	+ 5 46	−35 42	−30	6.52	+0.57	G3IV-V	−0.522	−0.178	+.030	+ 6	2.8	12.8		7
5190	13 49 30	+ 6 0	−41 41	−30	3.40	−0.23	B2IV	−0.026	−0.026	.	+ 9V	.	.		*
5191	13 47 32	+ 3 56	+49 19	−30	1.86	−0.20	B3V	−0.122	−0.018	+.004	− 11	.	.		G
5192	13 49 27	+ 5 48	−34 27	−30	4.40 H	.	gM6	−0.047	−0.064	+.049	+ 41	.	.		
5193	13 49 37	+ 6 2	−42 29	−30	3.47	−0.21	B2V?pne	−0.021	−0.024	.	+ 13V	9.9	47.9		G
5194	13 51 48	+ 7 47	−69 24	−30	5.74	+1.73	K2	+0.009	−0.016	.		.	.		
5195	13 48 39	+ 4 31	+31 11	−30	5.65 R	.	K0III	−0.017	+0.034	.	+ 11	.	.		
5196	13 49 52	+ 5 26	−18 8	−30	5.11 H	.	K1III	−0.101	−0.044	+.038	− 40	.	.		
5197	13 50 6	+ 5 40	−29 5	−30	6.10 H	−0.03	B9	−0.050	−0.029	.		.	.		
5198	13 50 19	+ 5 57	−39 54	−30	6.54 H	.	K0	+0.002	−0.017	.		.	.		
5199	13 48 58	+ 4 18	+39 32	−30	7.4 H	.	gM6e	+0.022	−0.009	−.009	− 6	.	.		
5200	13 49 28	+ 4 49	+15 48	−30	4.13 R	.	K5III	−0.095	+0.034	+.010	− 6	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
5201	6 BOO	+21 2578	120539	18683	.	8162			13 44 59	+21 46	12 16	+75 30
5202		−19 3754	120544	18695	.				13 45 6	−19 24	321 25	+40 51
5203		+83 397	120565	18611	.	8127			13 45 10	+83 15	121 1	+34 11
5204		+37 2457	120600	18691	.	8163			13 45 24	+37 8	74 11	+74 25
5205		+ 6 2800	120602	18698	.	8165			13 45 23	+ 5 59	338 31	+64 13
5206		−46 8909	120640	18715	.	8174			13 45 35	−46 24	313 31	+14 44
5207		−52 6787	120642	18720	.	8176	IA		13 45 38	−52 19	312 8	+ 8 59
5208		−35 9054	120672	18714	.				13 45 46	−35 56	316 14	+24 53
5209		−23 11329	120690	18713	3161.	8172			13 45 50	−23 53	319 58	+36 30
5210	3 CEN	−32 9676	120709	18724	.	8178	IA		13 46 3	−32 30	317 17	+28 12
5211	3 CEN	−32 9676	120710	18725	.	8179	IB		13 46 4	−32 30	317 17	+28 12
5212		−31 10706	120759	18733	.		I		13 46 17	−31 7	317 44	+29 31
5213		+62 1318	120787	18704	.	8169			13 46 30	+61 59	111 4	+54 16
5214		+35 2492	120818	18721	.	8177			13 46 40	+35 16	67 32	+75 8
5215		+35 2493	120819	18726	3164.	8180			13 46 44	+35 10	67 10	+75 10
5216		+59 1533	120874	18716	.	8175			13 47 1	+59 2	108 50	+56 56
5217		−52 6805	120908	18757	.	8193			13 47 13	−52 53	312 14	+ 8 22
5218		−67 2426	120913	18771	.				13 47 12	−67 10	308 55	− 5 31
5219		+35 2496	120933	18741	3165.	8184		VAR?	13 47 23	+34 56	66 7	+75 9
5220		+12 2635	120934	18746	.	8187			13 47 24	+12 40	349 32	+69 20
5221	4 CEN	−31 10729	120955	18755	.	8192	IA		13 47 27	−31 26	317 55	+29 9
5222		−35 9090	120987	18761	.	8194	I		13 47 42	−35 10	316 52	+25 32
5223		−46 8931	120991	18765	.	8196	I		13 47 44	−46 38	313 50	+14 25
5224		−34 9223	121056	18770	.	8199			13 48 3	−34 49	317 3	+25 51
5225	7 BOO	+18 2795	121107	18764	.	8195			13 48 26	+18 26	3 19	+73 4
5226	10 DRA	+65 963	121130	18750	3169.	8189	9039	VAR?	13 48 31	+65 13	112 47	+51 12
5227		+69 724	121146	18744	3168.	8186			13 48 32	+68 49	114 48	+47 51
5228		−27 9478	121156	18783	.				13 48 37	−28 5	319 16	+32 18
5229		+29 2464	121164	18769	.	8198			13 48 38	+29 8	42 52	+76 17
5230		−51 7832	121190	18795	.	8201			13 48 45	−51 40	312 46	+ 9 30
5231	ζ CEN	−46 8949	121263	18809	.	8207			13 49 18	−46 48	314 4	+14 12
5232	90 VIR	− 0 2758	121299	18800	3172.	8203			13 49 34	− 1 1	333 27	+57 34
5233		− 7 3728	121325	18807	3173.	8205	9053		13 49 43	− 7 34	328 47	+51 36
5234		−53 5805	121336	18822	.		I		13 49 46	−53 38	312 26	+ 7 33
5235	8 η BOO	+19 2725	121370	18805	3175.	8204			13 49 55	+18 54	5 19	+73 3
5236		−54 5806	121384	18828	.				13 49 57	−54 12	312 19	+ 7 0
5237		−30 11015	121397	18819	.				13 49 59	−30 48	318 43	+29 37
5238	86 UMA	+54 1630	121409	18796	3179.	8202			13 50 10	+54 13	103 46	+61 1
5239		−45 8815	121416	18826	3178.				13 50 8	−46 6	314 23	+14 50
5240		−77 922	121439	18877	.				13 50 13	−78 7	306 26	−16 12
5241		−63 3070	121474	18845	3180.	8212			13 50 25	−63 12	310 11	− 1 45
5242		−65 2553	121557	18861	.		I		13 51 3	−65 19	309 44	− 3 49
5243		+14 2680	121560	18830	.	8208			13 51 1	+14 34	355 10	+70 7
5244	92 VIR	+ 1 2865	121607	18841	.	8210			13 51 22	+ 1 32	336 31	+59 37
5245		+32 2411	121682	18843	3181.	8211			13 51 45	+32 31	56 2	+75 7
5246		−22 3687	121699	18859	.				13 51 54	−22 32	322 8	+37 23
5247	9 BOO	+28 2278	121710	18850	3181.1	8213		VAR?	13 52 0	+27 59	38 9	+75 33
5248	φ CEN	−41 8329	121743	18874	.	8222		VAR?	13 52 11	−41 37	315 58	+19 5
5249	υ^1 CEN	−44 9010	121790	18883	.	8224			13 52 30	−44 19	315 17	+16 27
5250	47 HYA	−24 11202	121847	18887	.	8226			13 52 54	−24 29	321 39	+35 27

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
5201	13 49 43	+ 4 44	+21 16	−30	4.94 R	.	K4III	+0.017	+0.010	.	− 3	.	.		
5202	13 50 35	+ 5 29	−19 54	−30	6.31 H	.	F8	−0.047	+0.026	.		.	.		
5203	13 42 23	− 2 47	+82 45	−30	5.93 R	.	gG6	+0.033	−0.044	.	− 50V?	.	.		
5204	13 49 45	+ 4 21	+36 38	−30	6.32 R	.	A3	−0.076	+0.014	.	− 12	.	.		
5205	13 50 24	+ 5 1	+ 5 29	−30	6.12 R	.	K0	+0.022	−0.016	.	− 24	.	.		
5206	13 51 47	+ 6 12	−46 54	−30	5.87 H	.	B4III	−0.022	−0.039	.	− 6V?	.	.		
5207	13 52 5	+ 6 27	−52 49	−30	5.68 H	.	B9Vn	−0.047	−0.043	.	+ 27	2.0	18.3		D
5208	13 51 37	+ 5 51	−36 26	−30	6.52 H	.	dF7	−0.104	−0.122	.		.	.		
5209	13 51 20	+ 5 30	−24 23	−30	6.44	+0.70	dG5	−0.575	−0.310	+.056	+ 2	.	.		G
5210	13 51 49	+ 5 46	−33 0	−30	4.72 H	.	B5IIIp	−0.038	−0.045	.017D	+ 14	1.6	9.4		*
5211	13 51 50	+ 5 46	−33 0	−30	6.17 H	.	B8V	−0.059	−0.034	.017D	+ 1	1.6	9.4		*
5212	13 52 1	+ 5 44	−31 37	−30	6.20 H	.	dF8	−0.056	−0.059	.016D		1.1	1.7		2
5213	13 49 45	+ 3 15	+61 29	−30	5.92 R	.	dG3	+0.067	−0.104	.	− 11	.	.		
5214	13 51 5	+ 4 25	+34 46	−30	6.65	+0.12	A4V	+0.029	−0.019	.	− 12	.	.		G
5215	13 51 9	+ 4 25	+34 40	−30	5.02 R	.	gM1	+0.004	−0.062	+.011	− 40	.	.		
5216	13 50 27	+ 3 26	+58 32	−30	6.32 R	.	A0	−0.028	+0.005	.	− 40	.	.		6
5217	13 53 43	+ 6 30	−53 23	−30	6.06 H	.	B5V	−0.025	−0.037	.	+ 8	.	.		G
5218	13 54 48	+ 7 36	−67 40	−30	5.70	+1.49	gK1	−0.026	−0.039	.		.	.		
5219	13 51 48	+ 4 25	+34 26	−30	4.79 R	.	K5III	−0.022	−0.038	+.027	− 44	.	.		
5220	13 52 18	+ 4 54	+12 10	−30	6.00 R	+0.04	A2V	+0.023	−0.014	.	− 16	.	.		
5221	13 53 12	+ 5 45	−31 56	−30	4.72	−0.14	B5III	−0.018	−0.019	.	+ 5V	3.2	15.4		*
5222	13 53 33	+ 5 51	−35 40	−30	5.64 H	.	dF6	−0.083	−0.024	.009D	− 8V	.1	1.6	5	D
5223	13 53 57	+ 6 13	−47 8	−30	5.94 H	.	B3pe	−0.041	−0.009	.	− 21	4.7	21.4		
5224	13 53 52	+ 5 49	−35 19	−30	6.18	+1.03	dK0	−0.275	−0.080	.	+ 12	.	.		
5225	13 53 13	+ 4 47	+17 56	−30	5.59 R	.	gG4	−0.040	−0.004	.	− 10	.	.		
5226	13 51 26	+ 2 55	+64 43	−30	4.60 R	.	gM3	+0.000	−0.011	+.014	− 11	7.0	90.9	3	
5227	13 50 59	+ 2 27	+68 19	−30	6.28 R	.	sgK2	−0.189	−0.070	+.023	− 45	.	.		
5228	13 54 17	+ 5 40	−28 35	−30	6.30 H	.	K0	−0.173	−0.077	.		.	.		
5229	13 53 10	+ 4 32	+28 38	−30	5.80 R	.	A5	−0.122	+0.021	.	− 12	.	.		
5230	13 55 12	+ 6 27	−52 10	−30	5.84 H	.	B8V	−0.029	−0.032	.	+ 8V	.	.		
5231	13 55 32	+ 6 14	−47 18	−30	2.54	−0.23	B2IV	−0.059	−0.048	.	+ 7V	.	.		R
5232	13 54 42	+ 5 8	− 1 31	−30	5.30 H	.	K2III	−0.082	−0.031	+.024	− 7V?	.	.		
5233	13 54 58	+ 5 15	− 8 4	−30	6.20 H	.	dF7+dG1	−0.175	−0.037	+.021	− 19	1.2	3.5	4	D
5234	13 56 20	+ 6 34	−54 7	−29	6.36 H	.	A1	−0.038	−0.022	.012D		1.3	2.0		2
5235	13 54 41	+ 4 46	+18 24	−30	2.69	+0.58	G0IV	−0.063	−0.365	+.102	− 0V	.	.		R
5236	13 56 33	+ 6 36	−54 42	−30	6.07 H	.	G0	−0.039	−0.224	.		.	.		
5237	13 55 44	+ 5 45	−31 17	−29	6.47 H	.	K0	−0.050	+0.002	.		.	.		
5238	13 53 51	+ 3 41	+53 43	−30	5.65 R	.	A0	−0.030	−0.011	+.010	− 21	.	.		
5239	13 56 20	+ 6 12	−46 36	−30	5.81	+1.14	K0IV	−0.167	−0.084	+.018	− 1	.	.		
5240	14 0 33	+ 10 20	−78 36	−29	6.08	+0.03	A0	−0.005	−0.027	.		.	.		
5241	13 57 39	+ 7 14	−63 41	−29	4.70	+1.10	K4III	−0.036	−0.046	+.025	+ 22	.	.		
5242	13 58 31	+ 7 28	−65 48	−29	6.19	+1.05	gG8	−0.029	−0.047	.		4.0	6.5		
5243	13 55 50	+ 4 49	+14 5	−29	6.10 R	.	dF6	−0.292	−0.005	.	− 13	.	.		
5244	13 56 28	+ 5 6	+ 1 3	−29	5.86 R	.	A3	−0.028	+0.007	.	− 27	.	.		
5245	13 56 11	+ 4 26	+32 2	−29	6.18 R	.	dF2	−0.132	+0.042	+.016	− 22	.	.		
5246	13 57 28	+ 5 34	−23 1	−29	6.28 H	.	K0	−0.041	−0.002	.		.	.		
5247	13 56 34	+ 4 34	+27 30	−29	5.04 R	.	K3III	+0.025	−0.054	+.011	− 40	.	.		
5248	13 58 16	+ 6 5	−42 6	−29	3.82	−0.22	B2IV	−0.028	−0.026	.	+ 7V	.	.		G
5249	13 58 41	+ 6 11	−44 48	−29	3.86	−0.21	B2V	−0.030	−0.028	.	+ 7V	.	.		
5250	13 58 31	+ 5 37	−24 58	−29	5.17 H	−0.10	B8	−0.052	−0.032	.	+ 5	.	.		6

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
5251		−49 8356	121853	18895	.				13 52 52	−49 53	313 51	+11 4
5252		−60 5135	121901	18909	.				13 53 12	−61 0	311 3	+ 0 18
5253		−65 2573	121932	18914	.		I		13 53 20	−65 47	309 51	− 4 20
5254		+15 2651	121980	18899	.	8231			13 53 50	+15 8	357 44	+70 0
5255	10 BOO	+22 2650	121996	18900	3187.	8232			13 53 58	+22 11	17 2	+73 47
5256		+62 1325	122064	18893	.	8230			13 54 26	+61 59	109 37	+53 53
5257	48 HYA	−24 11215	122066	18918	3188.	8237			13 54 24	−24 31	322 2	+35 19
5258		− 2 3768	122106	18919	.	8238			13 54 38	− 3 4	333 50	+55 10
5259		−39 8628	122210	18936	.		I		13 55 17	−39 44	317 7	+20 44
5260	υ^2 CEN	−44 9040	122223	18939	3192.	8241			13 55 29	−45 7	315 35	+15 33
5261	θ APS	−76 799	122250	18975	.			θ APS	13 55 34	−76 19	307 13	−14 32
5262		+ 9 2835	122365	18941	.	8242			13 56 23	+ 9 22	348 21	+65 24
5263	11 BOO	+28 2287	122405	18943	.	8243			13 56 38	+27 52	37 54	+74 31
5264	93 τ VIR	+ 2 2761	122408	18945	3196.	8244	9085A		13 56 33	+ 2 2	339 13	+59 24
5265		−26 10060	122430	18954	.	8247			13 56 41	−26 57	321 42	+32 51
5266		−55 5846	122438	18964	.				13 56 41	−55 44	312 52	+ 5 16
5267	β CEN	−59 5365	122451	18971	3198.	8251	R4925		13 56 46	−59 53	311 46	+ 1 16
5268		−31 10859	122510	18966	3199.		I		13 57 13	−31 12	320 17	+28 46
5269		−40 8373	122532	18976	.				13 57 22	−40 56	317 10	+19 28
5270		+10 2617	122563	18965	.	8249			13 57 38	+10 11	350 12	+65 49
5271		+46 1922	122675	18969	.	8250			13 58 14	+46 15	90 36	+66 40
5272		−21 3824	122703	18986	.				13 58 18	−21 56	324 9	+37 28
5273		+11 2625	122742	18985	3201.	8257			13 58 37	+11 16	352 26	+66 28
5274		+ 8 2810	122744	18989	.	8258			13 58 39	+ 8 1	347 22	+64 0
5275		+ 5 2836	122797	18993	.				13 58 55	+ 5 23	343 59	+61 52
5276		− 4 3614	122815	18996	.				13 59 1	− 4 54	334 4	+53 3
5277		−14 3863	122837	18999	.	8264			13 59 2	−14 29	327 57	+44 20
5278		−54 5887	122844	19006	.				13 59 5	−54 11	313 38	+ 6 40
5279		−74 1142	122862	19036	3204.				13 59 18	−74 22	308 1	−12 44
5280		+51 1889	122866	18990	.	8259			13 59 16	+51 27	98 7	+62 34
5281		−59 5395	122879	19013	.				13 59 22	−59 14	312 16	+ 1 48
5282		+69 733	122909	18980	.	8255			13 59 38	+69 10	113 38	+47 9
5283		+ 2 2768	122910	19001	.	8265			13 59 33	+ 2 47	341 15	+59 37
5284		−15 3805	122958	19009	.				13 59 47	−15 51	327 28	+43 0
5285	χ CEN	−40 8405	122980	19017	.	8268			13 59 56	−40 42	317 43	+19 33
5286		−42 9027	123004	19020	.				14 0 0	−42 37	317 9	+17 43
5287	49 π HYA	−26 10095	123123	19029	3205.	8270			14 0 41	−26 12	323 0	+33 16
5288	5 θ CEN	−35 9260	123139	19033	3206.	8272			14 0 48	−35 53	319 28	+24 5
5289		−62 3941	123151	19057	.				14 0 51	−62 44	311 27	− 1 37
5290	95 VIR	− 8 3697	123255	19041	.	8275			14 1 25	− 8 50	332 7	+49 15
5291	11 α DRA	+65 978	123299	19019	3209.	8269		VAR?	14 1 41	+64 51	110 32	+50 57
5292		−58 5383	123335	19073	.	8284			14 1 53	−58 48	312 42	+ 2 8
5293		−69 2012	123377	19090	.		R4972		14 2 11	−69 50	309 33	− 8 27
5294		−42 9065	123445	19080	.		I		14 2 39	−43 0	317 31	+17 12
5295		−69 2014	123492	19101	.				14 2 47	−69 15	309 46	− 7 55
5296		−50 8294	123515	19089	.		I		14 3 1	−51 2	315 7	+ 9 31
5297		−52 7028	123569	19099	3212.	8291	R4976		14 3 15	−52 58	314 34	+ 7 39
5298	96 VIR	− 9 3865	123630	19092	.	8287			14 3 41	− 9 52	332 11	+48 5
5299		+44 2325	123657	19084	3214.	8285		VAR?	14 3 56	+44 20	85 17	+67 16
5300	13 BOO	+50 2047	123782	19095	3217.	8289		VAR?	14 4 33	+49 56	94 36	+63 13

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
5251	13 59 17	+ 6 25	−50 22	−29	6.09 H	.	K0	+0.009	−0.041	.		.	.		
5252	14 0 17	+ 7 5	−61 29	−29	6.50	+0.31	F2	−0.068	−0.050	.		.	.		
5253	14 0 52	+ 7 32	−66 16	−29	5.96	+0.36	A5	−0.129	−0.027	.		6.4	46.2		
5254	13 58 40	+ 4 50	+14 39	−29	6.01 R	.	gK5	−0.064	−0.065	.	− 41	.	.		
5255	13 58 39	+ 4 41	+21 42	−29	5.66 R	−0.04	A0V	−0.011	−0.052	+.012	+ 6	.	.		
5256	13 57 32	+ 3 6	+61 30	−29	6.32 R	.	K2	−0.032	+0.205	.	− 25	.	.		
5257	14 0 0	+ 5 36	−25 0	−29	5.80 H	.	F3V	−0.202	−0.103	+.022	− 17	.	.		
5258	13 59 49	+ 5 11	− 3 33	−29	6.30 H	.	F5V	−0.028	−0.070	.	− 8	.	.		
5259	14 1 19	+ 6 2	−40 13	−29	6.28 H	.	K0	−0.041	−0.011	.		6.2	10.		
5260	14 1 43	+ 6 14	−45 36	−29	4.34	+0.61	F7I-II	−0.001	−0.028	+.008	− 1V	.	.		R
5261	14 5 19	+ 9 45	−76 48	−29	5.5 H	.	M4	−0.084	−0.042	.		.	.		
5262	14 1 20	+ 4 57	+ 8 53	−29	5.83 R	.	A2	+0.034	+0.004	.	− 14	.	.		
5263	14 1 10	+ 4 32	+27 23	−29	6.12 R	.	A3	−0.082	+0.011	.	− 23V	.	.		
5264	14 1 38	+ 5 5	+ 1 33	−29	4.26	+0.10	A3III	+0.015	−0.026	+.015	− 2V?	5.0	80.8		*
5265	14 2 22	+ 5 41	−27 26	−29	5.74 H	.	gK3	−0.035	−0.016	.	+ 0	.	.		
5266	14 3 26	+ 6 45	−56 13	−29	5.91	+1.22	gK1	−0.081	−0.040	.		.	.		
5267	14 3 50	+ 7 4	−60 22	−29	0.59	−0.22	B1II	−0.021	−0.028	+.016	− 12V	8.1	1.4		6
5268	14 3 1	+ 5 48	−31 41	−29	6.17	+0.48	g?F5	+0.019	+0.076	+.009		1.6	2.0		2
5269	14 3 27	+ 6 5	−41 25	−29	6.10	−0.14	A si	−0.052	−0.036	.	+ 6V	.	.		
5270	14 2 32	+ 4 54	+ 9 42	−29	6.20	+0.90	G0VI	−0.199	−0.069	.	− 22	.	.		
5271	14 2 12	+ 3 58	+45 46	−29	6.26 R	.	K2	+0.016	−0.079	.	− 49	.	.		
5272	14 3 53	+ 5 35	−22 25	−29	6.21 H	.	F2	−0.006	−0.013	.		.	.		
5273	14 3 32	+ 4 55	+10 47	−29	6.34 R	.	G8V	+0.080	−0.314	+.061	− 17	.	.		
5274	14 3 37	+ 4 58	+ 7 32	−29	6.24 R	.	G9III	−0.040	−0.018	.	− 20	.	.		
5275	14 3 56	+ 5 1	+ 4 54	−29	6.19 R	.	F2	−0.018	−0.007	.		.	.		
5276	14 4 14	+ 5 13	− 5 23	−29	6.72 H	.	K0	−0.012	−0.017	.		.	.		
5277	14 4 27	+ 5 25	−14 58	−29	6.36 H	.	G6III	−0.038	−0.027	.	− 15	.	.		
5278	14 5 47	+ 6 42	−54 40	−29	6.30 H	.	A3	−0.077	−0.033	.		.	.		
5279	14 8 29	+ 9 11	−74 50	−28	6.02	+0.58	dG1	−0.245	+0.164	+.035		.	.		
5280	14 2 59	+ 3 43	+50 58	−29	6.07 R	.	A0	−0.021	−0.009	.	− 8	.	.		
5281	14 6 25	+ 7 3	−59 43	−29	6.41	+0.09	B0Iab	−0.007	+0.008	.	+ 1	.	.		
5282	14 1 50	+ 2 12	+68 41	−29	6.26 R	.	K5	−0.036	−0.005	.	− 22	.	.		
5283	14 4 37	+ 5 4	+ 2 18	−29	6.22 R	.	K0	−0.033	−0.010	.	− 29	.	.		
5284	14 5 14	+ 5 27	−16 20	−29	6.44 H	.	A2	+0.000	−0.001	.		.	.		
5285	14 6 2	+ 6 6	−41 11	−29	4.35	−0.20	B3V	−0.022	−0.025	.	+ 12	.	.		G
5286	14 6 11	+ 6 11	−43 6	−29	6.27 H	.	gK0	−0.010	−0.044	.		.	.		
5287	14 6 23	+ 5 42	−26 41	−29	3.25	+1.12	K2III	+0.043	−0.150	+.039	+ 27	.	.		
5288	14 6 41	+ 5 53	−36 23	−30	2.05	+1.02	K0III-IV	−0.521	−0.522	+.059	+ 1	.	.		G
5289	14 8 14	+ 7 23	−63 13	−29	6.39	+1.02	K0	+0.007	+0.024	.		.	.		
5290	14 6 42	+ 5 17	− 9 19	−29	5.53 H	.	A8n	−0.142	+0.004	.	− 36	.	.		
5291	14 4 24	+ 2 43	+64 22	−29	3.64	−0.05	A0III	−0.053	+0.014	+.011	− 16V	.	.		R
5292	14 8 56	+ 7 3	−59 17	−29	6.43 H	.	B5IV	−0.006	−0.022	.	+ 3V	.	.		
5293	14 10 31	+ 8 20	−70 18	−28	6.04	+1.74	K0	−0.016	+0.000	.		8.5	5.3	3	
5294	14 8 52	+ 6 13	−43 29	−29	6.35 H	.	B9	−0.023	−0.035	.		6.5	28.6		
5295	14 11 2	+ 8 15	−69 43	−28	6.05	+0.18	A3	−0.026	−0.037	.		.	.		
5296	14 9 35	+ 6 34	−51 31	−29	5.99	−0.06	B9	−0.052	−0.027	.	+ 17V	3.0	63.9		D
5297	14 9 54	+ 6 39	−53 27	−29	4.74	+0.94	gG6	−0.147	−0.104	+.011	− 17	9.2	31.0		
5298	14 9 1	+ 5 20	−10 20	−28	6.48 H	.	gG7	−0.009	+0.018	.	− 20	.	.		
5299	14 7 56	+ 4 0	+43 51	−29	4.22 R	.	gM4	+0.012	−0.033	+.024	− 36	.	.		
5300	14 8 17	+ 3 44	+49 28	−28	5.22 R	.	gM2	−0.064	+0.055	+.022	− 13	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
5301		−15 3817	123934	19125	3220.	8300			14 5 23	−15 50	329 9	+42 30
5302		+60 1516	123977	19109	.	8293			14 5 40	+59 49	105 46	+55 8
5303	η APS	−80 706	123998	19211	.	8330			14 5 39	−80 32	306 26	−18 43
5304	12 d BOO	+25 2737	123999	19127	3221.	8301			14 5 50	+25 34	30 51	+72 11
5305	3 UMI	+75 529	124063	19097	.	8290			14 6 9	+75 4	116 20	+41 33
5306		−77 940	124099	19200	.				14 6 22	−77 12	307 34	−15 34
5307		+ 2 2783	124115	19141	.	8304			14 6 27	+ 1 50	342 59	+57 52
5308		−53 5912	124147	19162	3223.	8312	I		14 6 32	−53 12	314 59	+ 7 17
5309		−23 11551	124162	19154	.				14 6 45	−23 53	325 32	+34 57
5310		+32 2443	124186	19143	.	8306			14 6 54	+32 45	54 20	+71 57
5311		−54 5933	124195	19169	.			VAR?	14 6 52	−54 9	314 44	+ 6 22
5312	50 HYA	−26 10158	124206	19163	3225.	8313			14 7 2	−26 47	324 20	+32 13
5313		+ 3 2867	124224	19157	3226.	8310	9152	CU VIR	14 7 12	+ 2 53	344 26	+58 37
5314		−26 10163	124281	19172	.	8315			14 7 30	−26 9	324 44	+32 47
5315	98 κ VIR	− 9 3878	124294	19168	3227.	8314			14 7 34	− 9 49	333 30	+47 42
5316		−56 6206	124367	19199	.	8323	I		14 7 59	−56 37	314 7	+ 3 58
5317		− 0 2796	124425	19188	3229.	8317			14 8 31	− 0 22	341 31	+55 46
5318		−41 8589	124433	19202	.				14 8 32	−41 22	319 8	+18 25
5319		−52 7087	124454	19216	.				14 8 36	−53 2	315 20	+ 7 21
5320		−66 2490	124471	19230	.	8337	I		14 8 44	−66 7	311 16	− 5 6
5321	4 UMI	+78 478	124547	19142	3232.	8305			14 9 14	+78 1	117 41	+38 47
5322		− 5 3837	124553	19209	3231.	8329			14 9 9	− 5 29	337 13	+51 19
5323	14 BOO	+13 2764	124570	19205	3233.	8326		VAR?	14 9 17	+13 26	0 48	+66 3
5324		−28 10528	124576	19218	.				14 9 14	−28 49	324 1	+30 9
5325		−44 9181	124580	19227	.				14 9 17	−44 32	318 12	+15 22
5326	R CEN	−59 5476	124601	19234	.	8339	I	R CEN	14 9 22	−59 27	313 25	+ 1 13
5327		−82 601	124639	19317	.	8371			14 9 32	−82 23	305 56	−20 31
5328	17 κ BOO	+52 1782	124674	19204	.	8325	9173B	VAR?	14 9 53	+52 15	96 28	+60 55
5329	17 κ BOO	+52 1782	124675	19207	3235.	8328	9173A	VAR?	14 9 54	+52 15	96 28	+60 55
5330	15 BOO	+10 2654	124679	19226	.	8335	B		14 9 57	+10 34	356 0	+64 0
5331		+ 4 2841	124681	19223	.	8332			14 9 51	+ 3 47	346 29	+58 57
5332		−17 4046	124683	19229	.	8336			14 9 53	−17 44	329 26	+40 19
5333		+22 2678	124713	19224	.	8333			14 10 3	+22 20	21 56	+70 23
5334		+70 778	124730	19189	3236.	8318			14 10 12	+69 54	112 53	+46 5
5335		+42 2472	124755	19225	3240.	8334			14 10 22	+41 59	78 32	+67 44
5336	ϵ APS	−79 755	124771	19305	.	8367			14 10 16	−79 39	306 56	−17 57
5337		−32 9982	124780	19240	.				14 10 23	−32 47	322 40	+26 21
5338	99 ι VIR	− 5 3843	124850	19244	3241.	8342		VAR?	14 10 46	− 5 31	337 45	+51 5
5339	δ OCT	−83 557	124882	19349	.	8387			14 10 52	−83 13	305 41	−21 19
5340	16 α BOO	+19 2777	124897	19242	3242.	8341		VAR?	14 11 6	+19 42	15 13	+69 7
5341		− 5 3845	124915	19252	.				14 11 6	− 6 9	337 21	+50 30
5342		− 2 3812	124931	19255	.	8347		VAR?	14 11 19	− 2 44	340 19	+53 24
5343		+19 2779	124953	19251	.	8344			14 11 22	+19 23	14 31	+68 55
5344		−17 4053	124990	19265	.				14 11 32	−18 7	329 41	+39 49
5345		+53 1699	125019	19248	.	8343			14 11 47	+53 0	97 0	+60 10
5346		+20 2954	125040	19263	.	8350	9192		14 11 54	+20 35	17 42	+69 20
5347		+40 2760	125111	19266	.	8352			14 12 20	+40 13	73 59	+68 20
5348		−32 10005	125150	19291	.				14 12 29	−32 45	323 8	+26 14
5349		−60 5294	125158	19302	3244.	8364			14 12 31	−60 49	313 21	+ 0 12
5350	21 ι BOO	+52 1784	125161	19269	3245.	8354	9198A	VAR?	14 12 37	+51 50	95 15	+60 57

BS= HR	RA (2000)	$\Delta\alpha$ 100 YR	DEC (2000)	$\Delta\delta$ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
5301	14 10 51	+ 5 28	−16 18	−28	4.91	+1.70	gM3	+0.004	−0.013	+.007	+ 18	.	.		
5302	14 8 46	+ 3 6	+59 21	−28	6.46	+1.02	K0III	−0.121	−0.028	.	+ 11	.	.		
5303	14 18 13	+ 12 34	−81 0	−28	4.90	+0.26	A2p	−0.016	−0.066	.	− 9V	.	.		R
5304	14 10 24	+ 4 34	+25 6	−28	4.82	+0.54	F8IV	−0.027	−0.067	+.041	+ 11V	.	.		R
5305	14 6 56	+ 0 47	+74 36	−28	6.33 R	.	A3	−0.059	+0.011	.	− 4	.	.		
5306	14 16 55	+ 10 33	−77 40	−28	6.46	+1.42	K0	−0.008	−0.001	.		.	.		
5307	14 11 31	+ 5 4	+ 1 22	−28	6.23 R	.	F5	−0.127	+0.022	.	− 18	.	.		
5308	14 13 16	+ 6 44	−53 40	−28	5.48 H	.	K0+A2	−0.013	−0.026	+.004	− 3	.	.		
5309	14 12 24	+ 5 39	−24 21	−28	6.45 H	.	K0	+0.010	−0.038	.		.	.		
5310	14 11 16	+ 4 22	+32 17	−28	6.10 R	.	K2	−0.028	+0.015	.	− 22	.	.		
5311	14 13 40	+ 6 48	−54 37	−28	6.23 H	+0.05	B9	−0.019	−0.023	.		.	.		
5312	14 12 46	+ 5 44	−27 15	−28	5.25 H	.	gK3	−0.013	−0.042	+.040	+ 27	.	.		
5313	14 12 16	+ 5 4	+ 2 25	−28	5.00	−0.12	A si	−0.051	−0.034	+.003	+ 3V	7.0	63.3		*
5314	14 13 13	+ 5 43	−26 37	−28	6.28 H	.	gG7	+0.008	−0.022	.	− 10	.	.		
5315	14 12 54	+ 5 20	−10 17	−28	4.16	+1.35	K3III	+0.004	+0.134	+.017	− 4	.	.		
5316	14 14 57	+ 6 58	−57 5	−28	5.06	−0.10	B3Ve	−0.036	−0.019	.	+ 19V	5.6	34.1		
5317	14 13 40	+ 5 9	− 0 50	−28	5.93	+0.47	F6IV	+0.204	−0.147	+.020	+ 18V	.	.		R
5318	14 14 43	+ 6 11	−41 50	−28	5.60	+0.94	gK0	−0.137	−0.026	.		.	.		
5319	14 15 20	+ 6 44	−53 30	−28	6.30 H	.	K2	−0.030	−0.006	.		.	.		
5320	14 16 38	+ 7 54	−66 35	−28	5.74	−0.06	B2s	−0.007	−0.016	.	− 20V?	6.6	23.8		
5321	14 8 51	− 0 23	+77 33	−28	4.87 R	.	K3III	−0.031	+0.030	−.007	+ 11V	.	.		R
5322	14 14 22	+ 5 13	− 5 57	−28	6.29 H	.	dF8	−0.309	+0.082	+.017	− 33	.	.		
5323	14 14 6	+ 4 49	+12 58	−28	5.48 R	.	dF6	−0.257	−0.059	+.016	− 39	.	.		
5324	14 15 2	+ 5 48	−29 17	−28	6.03 H	.	A0	−0.033	−0.023	.		.	.		
5325	14 15 38	+ 6 21	−45 0	−28	6.37 H	.	F8	+0.131	−0.150	.	+ 3	.	.		
5326	14 16 34	+ 7 12	−59 55	−28	5.3 H	.	M4	−0.015	−0.027	.	− 20	6.9	28.0		D
5327	14 24 20	+ 14 48	−82 51	−28	6.41	+0.02	B8	+0.015	−0.028	.	+ 27	.	.		
5328	14 13 28	+ 3 35	+51 47	−28	6.69	+0.39	F2V	+0.054	−0.027	.	− 20V?	2.1	13.7		*
5329	14 13 29	+ 3 35	+51 47	−28	4.54	+0.20	A7IV	+0.063	−0.010	+.014	− 16V	2.1	13.7		*
5330	14 14 51	+ 4 54	+10 6	−28	5.24BR	.	K0III	−0.028	−0.160	.	+ 17	2.8	1.1		2
5331	14 14 53	+ 5 2	+ 3 19	−28	6.45 R	.	gM4	−0.048	−0.020	.	− 48	.	.		
5332	14 15 24	+ 5 31	−18 12	−28	5.58 H	−0.01	A0	−0.040	−0.019	.	− 19	.	.		
5333	14 14 41	+ 4 38	+21 52	−28	6.37 R	+0.17	A8V	+0.039	−0.010	.	− 4	.	.		
5334	14 12 4	+ 1 52	+69 26	−28	5.19 R	.	gM2	−0.025	−0.050	+.015	− 23	.	.		
5335	14 14 24	+ 4 2	+41 31	−28	6.12 R	.	gK3	−0.026	−0.112	+.024	− 10	.	.		6
5336	14 22 23	+ 12 7	−80 7	−28	5.05	−0.11	B3V	−0.008	−0.018	.	+ 5V	.	.		
5337	14 16 18	+ 5 55	−33 15	−28	6.56 H	.	F0	+0.019	−0.002	.		.	.		
5338	14 16 1	+ 5 15	− 6 0	−29	4.07	+0.52	F7IV	−0.010	−0.429	+.039	+ 12	.	.		
5339	14 26 56	+ 16 4	−83 40	−27	4.31	+1.31	gK1	−0.092	−0.014	.	+ 5	.	.		
5340	14 15 40	+ 4 34	+19 11	−31	0.06	+1.23	K2IIIp	−1.098	−2.003	+.090	− 5	.	.		N
5341	14 16 21	+ 5 15	− 6 37	−28	6.24 H	.	A3	−0.036	−0.023	.		.	.		
5342	14 16 30	+ 5 11	− 3 12	−28	6.03 H	.	A0	−0.028	−0.044	.	+ 2	.	.		
5343	14 16 4	+ 4 42	+18 55	−28	5.98	+0.26	A m	+0.043	−0.036	.	+ 4	.	.		G
5344	14 17 4	+ 5 32	−18 35	−28	6.37 H	.	G5	+0.000	−0.002	.		.	.		
5345	14 15 17	+ 3 30	+52 32	−28	6.41 R	.	A2	−0.032	−0.011	.	− 15	.	.		
5346	14 16 33	+ 4 39	+20 7	−28	6.30 R	.	dF4	−0.149	−0.110	.031D	− 8	1.7	4.4		2
5347	14 16 24	+ 4 4	+39 45	−28	6.24 R	.	F2	−0.148	+0.001	.	− 24	.	.		
5348	14 18 24	+ 5 55	−33 13	−28	6.48 H	.	F0	−0.074	−0.049	.		.	.		
5349	14 19 51	+ 7 20	−61 17	−28	5.22	+0.30	A m	−0.167	−0.102	+.026	+ 21	.	.		
5350	14 16 9	+ 3 32	+51 22	−28	4.75 R	.	A7V	−0.149	+0.087	+.044	− 17V	2.6	38.5		D

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
5351	19 λ BOO	+46 1949	125162	19273	3246.	8355		VAR?	14 12 35	+46 33	86 59	+64 40
5352		+15 2690	125180	19284	.	8358			14 12 42	+15 44	6 38	+66 46
5353		− 6 3964	125184	19289	.				14 12 42	− 7 4	337 11	+49 31
5354	ι LUP	−45 9084	125238	19304	.	8366		VAR?	14 13 0	−45 36	318 28	+14 9
5355		−18 3789	125248	19295	.	8360		CS VIR	14 13 6	−18 15	330 3	+39 32
5356		−25 10271	125276	19303	3249.	8365	9212		14 13 20	−25 22	326 32	+33 0
5357		−36 9268	125283	19309	.				14 13 21	−36 32	321 50	+22 38
5358		−55 5984	125288	19318	.	8372			14 13 20	−55 56	315 3	+ 4 23
5359	100 λ VIR	−12 4018	125337	19311	3251.	8370		VAR?	14 13 42	−12 55	333 23	+44 15
5360		+51 1908	125349	19293	.	8359			14 13 48	+51 46	94 53	+60 53
5361		+36 2468	125351	19296	.	8361			14 13 46	+35 58	62 45	+69 46
5362		−42 9235	125383	19327	.		I		14 13 53	−42 36	319 41	+16 55
5363		+48 2188	125406	19297	.	8362			14 14 6	+48 28	89 51	+63 12
5364		−44 9236	125442	19336	3253.	8381			14 14 20	−44 44	319 0	+14 53
5365	18 BOO	+13 2782	125451	19319	.	8373			14 14 26	+13 28	2 46	+65 5
5366	102 υ VIR	− 1 2938	125454	19323	3254.	8375		VAR?	14 14 23	− 1 48	342 15	+53 45
5367	ψ CEN	−37 9336	125473	19337	3256.	8382	I		14 14 28	−37 26	321 43	+21 43
5368		+ 1 2913	125489	19329	.	8378		VAR?	14 14 35	+ 0 51	344 58	+55 54
5369		+39 2749	125538	19320	.	8374			14 14 49	+39 14	71 1	+68 21
5370	20 BOO	+16 2637	125560	19334	.	8380			14 15 1	+16 46	9 36	+66 52
5371		−57 6619	125628	19361	3258.	8389	IA		14 15 27	−58 0	314 38	+ 2 20
5372		+55 1678	125632	19333	.	8379			14 15 37	+55 19	99 3	+58 1
5373		+39 2750	125642	19341	.	8383			14 15 41	+39 15	70 52	+68 12
5374		+31 2605	125658	19345	.	8384			14 15 46	+30 53	47 51	+70 20
5375		−47 9082	125721	19367	.	8394	I		14 16 7	−47 52	318 12	+11 50
5376		−34 9570	125745	19365	.	8391			14 16 20	−34 20	323 19	+24 28
5377		−50 8501	125810	19379	.				14 16 40	−50 19	317 25	+ 9 30
5378		−38 9329	125823	19377	.	8396			14 16 52	−39 3	321 34	+20 2
5379		−67 2574	125835	19402	.	8406			14 16 49	−67 44	311 29	− 6 53
5380		−52 7195	125869	19392	.				14 17 0	−52 43	316 38	+ 7 14
5381	51 HYA	−27 9803	125932	19389	3261.	8399		VAR?	14 17 20	−27 18	326 36	+30 53
5382		−65 2718	125990	19422	.				14 17 40	−65 43	312 16	− 5 1
5383	2 LIB	−11 3729	126035	19399	.	8402			14 18 3	−11 15	335 49	+45 13
5384		+ 1 2920	126053	19397	3264.	8401			14 18 8	+ 1 43	347 10	+56 3
5385		+ 9 2882	126128		.		9247BC		14 18 28	+ 8 54	356 33	+61 20
5386		+ 9 2882	126129	19401	3266.	8404	9247A		14 18 28	+ 8 54	356 33	+61 20
5387		+25 2770	126141	19400	.	8403			14 18 38	+25 48	33 11	+69 24
5388		+ 8 2857	126200	19417	.	8411		VAR?	14 19 5	+ 8 42	356 29	+61 5
5389		−76 826	126209	19483	.				14 19 3	−76 17	308 36	−14 57
5390		−24 11469	126218	19435	3267.	8417			14 19 6	−24 21	328 27	+33 24
5391		−65 2732	126241	19456	.				14 19 8	−65 22	312 31	− 4 44
5392		+ 6 2875	126248	19428	3268.	8412			14 19 13	+ 6 16	353 5	+59 20
5393		−11 3736	126251	19437	.	8418	9254		14 19 18	−11 13	336 13	+45 6
5394		+ 8 2858	126271	19433	.	8415		VAR?	14 19 23	+ 8 33	356 22	+60 56
5395	τ^1 LUP	−44 9322	126341	19453	.	8421		τ^1 LUP	14 19 43	−44 46	319 55	+14 31
5396	τ^2 LUP	−44 9323	126354	19454	3269.	8422	I		14 19 45	−44 56	319 52	+14 21
5397		−19 3880	126367	19449	.		9258A		14 19 55	−19 31	331 13	+37 41
5398		−41 8757	126386	19455	.				14 19 57	−41 52	321 3	+17 12
5399		−26 10280	126400	19452	.				14 20 1	−26 24	327 40	+31 27
5400		−39 8918	126475	19472	.				14 20 38	−39 26	322 8	+19 25

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
5351	14 16 23	+ 3 48	+46 5	−28	4.25 R	.	A0p	−0.184	+0.154	+.043	− 8	.	.		
5352	14 17 29	+ 4 47	+15 16	−28	5.86 R	.	gM3	+0.012	+0.003	.	− 10	.	.		
5353	14 18 1	+ 5 19	− 7 32	−28	6.47	+0.73	G0	+0.250	−0.247	.	− 14	.	.		
5354	14 19 24	+ 6 24	−46 4	−28	3.54	−0.19	B3IV	−0.016	−0.006	.	+ 22	.	.		
5355	14 18 38	+ 5 32	−18 43	−28	5.89	+0.01	A p	−0.064	−0.046	.	− 9V	.	.		
5356	14 19 0	+ 5 40	−25 49	−27	5.86	+0.50	dF4	−0.372	+0.343	+.044	− 21	5.5	43.0	3	D
5357	14 19 24	+ 6 3	−37 0	−28	5.93	+0.08	A0	−0.050	−0.064	.		.	.		
5358	14 20 19	+ 6 59	−56 24	−28	4.32	+0.11	B5II	−0.008	−0.018	.	+ 5V?	.	.		
5359	14 19 7	+ 5 25	−13 23	−28	4.52	+0.12	A m	−0.019	+0.024	+.010	− 11V?	.	.		R
5360	14 17 21	+ 3 33	+51 18	−28	6.07 R	.	A1	−0.025	−0.012	.	− 11V	.	.		
5361	14 18 0	+ 4 14	+35 30	−28	4.71 R	.	K0III	−0.004	+0.006	.	− 26V	.	.		R
5362	14 20 10	+ 6 17	−43 4	−28	5.71 H	.	G5	−0.013	+0.003	.		3.0	4.0		
5363	14 17 50	+ 3 44	+48 0	−28	6.18 R	.	F5	−0.012	−0.054	.	− 17	.	.		
5364	14 20 43	+ 6 23	−45 12	−28	4.76	+0.32	dA8	+0.029	−0.088	+.013	+ 0V	.	.		6
5365	14 19 16	+ 4 50	+13 0	−28	5.41	+0.38	F5IV-V	+0.104	−0.037	.	− 2	.	.		G
5366	14 19 32	+ 5 9	− 2 16	−28	5.24 H	.	G8III	−0.120	−0.074	+.013	− 27	.	.		
5367	14 20 33	+ 6 5	−37 54	−28	4.04	−0.04	A0IV	−0.068	−0.014	−.003	− 4V	8.6	35.2		
5368	14 19 41	+ 5 6	+ 0 23	−28	6.14 R	.	A3	−0.043	−0.019	.	− 13	.	.		
5369	14 18 55	+ 4 6	+38 46	−28	6.40 R	.	G5	−0.003	+0.024	.	− 10	.	.		
5370	14 19 45	+ 4 44	+16 19	−27	4.86 R	.	K3III	−0.145	+0.052	.	− 8	.	.		
5371	14 22 37	+ 7 10	−58 27	−27	5.06 H	.	gG4	−0.048	+0.002	+.017	+ 15V	2.0	9.8	4	*
5372	14 18 56	+ 3 19	+54 51	−28	6.47 R	.	A3	−0.027	+0.004	.	− 3	.	.		
5373	14 19 47	+ 4 6	+38 47	−28	6.33	+0.05	A2V	+0.021	−0.020	.	− 11	.	.		G
5374	14 20 8	+ 4 22	+30 25	−28	6.31 R	+0.15	A m	−0.015	−0.007	.	+ 1	.	.		
5375	14 22 39	+ 6 32	−48 19	−27	6.26 H	.	B3V	−0.016	−0.021	.	− 18	3.1	4.7		
5376	14 22 20	+ 6 0	−34 47	−27	5.72 H	.	B8	−0.032	+0.003	.	− 37	.	.		
5377	14 23 20	+ 6 40	−50 46	−27	6.03 H	.	gK2	−0.018	−0.016	.		3.7	1.3		
5378	14 23 2	+ 6 10	−39 30	−27	4.41	−0.20	B3V	−0.031	−0.037	.	+ 8	.	.		G
5379	14 25 7	+ 8 18	−68 11	−27	5.60	+0.49	A2Ia	−0.011	−0.016	.	− 34V	.	.		
5380	14 23 48	+ 6 48	−53 10	−27	5.94 H	.	K0	−0.072	−0.032	.		.	.		
5381	14 23 6	+ 5 46	−27 46	−28	4.78	+1.32	K5III	−0.196	−0.120	+.032	+ 20	.	.		
5382	14 25 40	+ 8 0	−66 10	−27	6.35	+0.13	A2	−0.051	−0.037	.		.	.		
5383	14 23 26	+ 5 23	−11 42	−27	6.30 H	.	G7III	−0.015	−0.066	.	− 1	.	.		
5384	14 23 15	+ 5 7	+ 1 15	−28	6.27	+0.64	dG3	+0.222	−0.484	+.061	− 18	.	.		
5385	14 23 24	+ 4 56	+ 8 27	−27	6.64 H	.	dF2			.	− 18V	1.3	7.4	3	*
5386	14 23 23	+ 4 55	+ 8 27	−27	5.11 H	.	A1	−0.077	−0.014	+.008	− 23	1.3	7.4	3	D
5387	14 23 7	+ 4 29	+25 21	−27	6.11 R	.	F2	−0.165	+0.064	.	− 10	.	.		
5388	14 24 1	+ 4 56	+ 8 15	−27	5.72 R	.	A2	+0.001	−0.031	.	− 4	.	.		
5389	14 29 37	+ 10 34	−76 44	−27	6.06	+1.18	K0	−0.030	−0.036	.		.	.		
5390	14 24 48	+ 5 42	−24 48	−27	5.39 H	.	G8III	−0.060	−0.027	+.017	− 22	.	.		
5391	14 27 7	+ 7 59	−65 49	−27	5.84	+1.50	K5	−0.022	−0.023	.		.	.		
5392	14 24 12	+ 4 59	+ 5 49	−27	5.10 R	.	A3	−0.082	+0.000	+.023	− 5V	.	.		6
5393	14 24 41	+ 5 23	−11 40	−27	6.48 H	.	dF1+dF1	−0.075	−0.036	.012D	− 36	1.6	1.4		2
5394	14 24 18	+ 4 55	+ 8 6	−27	6.08 R	.	gK4	−0.116	−0.098	.	− 31	.	.		
5395	14 26 8	+ 6 25	−45 13	−27	4.54	−0.16	B3III	−0.013	−0.022	.	− 18	.	.		
5396	14 26 11	+ 6 26	−45 23	−27	4.35	+0.40	dF7	+0.013	−0.016	−.003	− 1V	.1	.3		*
5397	14 25 30	+ 5 35	−19 58	−27	6.43 H	.	A8s	−0.040	−0.013	.005D		.0	35.7	3	D
5398	14 26 14	+ 6 17	−42 19	−27	6.33	+1.22	K0	−0.127	−0.075	.	− 33	.	.		
5399	14 25 47	+ 5 46	−26 51	−27	6.62 H	.	G7IV	−0.020	−0.069	.		.	.		
5400	14 26 50	+ 6 12	−39 53	−27	6.44 H	.	B9	−0.023	−0.021	.		.	.		

BS = HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
5401		−45 9188	126504	19478	.	8431	I		14 20 45	−45 41	319 45	+13 36
5402		+39 2764	126597	19464	.	8425			14 21 24	+38 51	68 42	+67 21
5403		−58 5549	126610	19495	.				14 21 25	−58 45	315 6	+ 1 22
5404	23 θ BOO	+52 1804	126660	19467	3274.	8428		VAR?	14 21 48	+52 19	93 51	+59 38
5405	22 BOO	+19 2810	126661	19480	3274.1	8432			14 21 48	+19 41	18 5	+66 50
5406	104 VIR	− 5 3880	126722	19491	.	8435			14 22 9	− 5 40	341 23	+49 28
5407	52 HYA	−28 10712	126769	19499	.	8438	9270	VAR?	14 22 19	−29 3	326 57	+28 50
5408		−67 2595	126862	19540	.		I		14 22 55	−67 16	312 12	− 6 39
5409	105 φ VIR	− 1 2957	126868	19504	3279.	8442	9273	VAR?	14 23 3	− 1 47	345 13	+52 31
5410	106 VIR	− 6 4009	126927	19516	.	8448			14 23 25	− 6 27	341 8	+48 38
5411		+41 2504	126943	19501	.	8439			14 23 30	+41 28	74 16	+65 53
5412		−44 9383	126981	19533	.	8455	I		14 23 41	−44 52	320 33	+14 10
5413		−48 9098	126983	19539	.	8457	I		14 23 41	−49 4	318 57	+10 16
5414		+28 2331	127043	19521	.	8450	9277B		14 24 7	+28 44	41 42	+68 32
5415		+28 2332	127067	19522	.	8451	9277A		14 24 9	+28 44	41 42	+68 31
5416		+36 2495	127065	19519	.	8449			14 24 8	+36 39	62 50	+67 34
5417		−40 8729	127152	19555	.				14 24 41	−40 24	322 30	+18 13
5418		+ 1 2941	127167	19542	.	8459			14 24 44	+ 1 16	348 56	+54 40
5419		−38 9430	127193	19565	.				14 24 59	−38 26	323 22	+20 1
5420	24 BOO	+50 2084	127243	19532	3284.	8454			14 25 9	+50 18	90 11	+60 38
5421	V CEN	−56 6296	127297	19582	.			V CEN	14 25 23	−56 27	316 26	+ 3 19
5422		+32 2482	127304	19553	.	8464	9288		14 25 33	+32 14	51 10	+68 8
5423		+42 2508	127334	19550	3286.	8463			14 25 40	+42 15	75 29	+65 10
5424		+ 5 2886	127337	19572	.	8468			14 25 45	+ 5 13	353 58	+57 27
5425	σ LUP	−49 8831	127381	19590	.	8472			14 25 53	−50 1	318 56	+ 9 15
5426		−54 6053	127486	19604	.				14 26 31	−54 34	317 18	+ 5 0
5427		−52 7301	127501	19606	.		I		14 26 37	−52 14	318 11	+ 7 9
5428		−30 11519	127624	19609	.		I		14 27 14	−30 16	327 28	+27 17
5429	25 ρ BOO	+31 2628	127665	19597	3291.	8475	9296		14 27 31	+30 49	47 19	+67 49
5430	5 UMI	+76 527	127700	19548	3292.	8462	9286		14 27 44	+76 8	115 23	+40 0
5431		−41 8890	127716	19628	.				14 27 47	−41 40	322 33	+16 50
5432		−59 5642	127724	19637	.				14 27 49	−59 35	315 34	+ 0 17
5433		+27 2388	127726	19608	3293.	8478	9301		14 27 55	+27 7	37 35	+67 33
5434	26 BOO	+22 2715	127739	19611	.	8480			14 28 0	+22 42	26 31	+66 34
5435	27 γ BOO	+38 2565	127762	19607	3294.	8477	9300	γ BOO	14 28 3	+38 45	67 17	+66 10
5436		+63 1136	127821	19595	.	8474			14 28 24	+63 38	105 37	+50 28
5437		+60 1547	127929	19613	.	8481			14 29 0	+60 40	102 36	+52 45
5438		−19 3903	127964	19649	.				14 29 13	−20 0	333 22	+36 15
5439		−40 8794	127971	19657	.		I		14 29 12	−41 5	323 3	+17 15
5440	η CEN	−41 8917	127972	19656	.	8493	I	VAR?	14 29 9	−41 43	322 46	+16 41
5441		+37 2545	127986	19636	.	8487			14 29 15	+37 24	63 55	+66 23
5442		+56 1746	128000	19627	.	8485			14 29 23	+55 50	97 0	+56 21
5443		−67 2616	128020	19678	3298.				14 29 23	−67 29	312 42	− 7 5
5444		−45 9293	128068	19669	3299.	8500	I		14 29 46	−45 49	321 11	+12 52
5445		+33 2474	128093	19650	.	8490	B		14 29 56	+32 59	52 52	+67 8
5446		−39 9047	128152	19674	.				14 30 9	−39 10	324 2	+18 56
5447	28 σ BOO	+30 2536	128167	19659	3300.	8494			14 30 20	+30 11	45 38	+67 13
5448		+37 2551	128198	19662	.	8495		VAR?	14 30 33	+37 4	62 56	+66 13
5449		−39 9050	128207	19682	.	8502			14 30 27	−39 47	323 50	+18 21
5450		−45 9302	128266	19689	.	8504	IA		14 30 47	−45 42	321 24	+12 55

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
5401	14 27 12	+ 6 27	−46 8	−27	5.82	+0.31	A m	−0.155	−0.090	.	− 26	5.9	27.0		
5402	14 25 29	+ 4 5	+38 24	−27	6.18 R	.	gK2	−0.008	−0.022	.	+ 25	.	.		
5403	14 28 44	+ 7 19	−59 12	−27	6.44	+0.14	A0	−0.007	−0.025	.	+ 2V	.	.		
5404	14 25 12	+ 3 24	+51 51	−28	4.06	+0.50	F7V	−0.238	−0.404	+.067	− 11	.	.		
5405	14 26 27	+ 4 39	+19 14	−27	5.27 R	.	A5	−0.072	+0.018	+.006	− 28	.	.		
5406	14 27 24	+ 5 15	− 6 7	−27	6.16 H	.	A1	−0.075	−0.064	.	− 15	.	.		
5407	14 28 11	+ 5 52	−29 30	−27	4.96	−0.07	B8IV	−0.022	−0.032	.	+ 6	6.3	4.2		3
5408	14 31 16	+ 8 21	−67 43	−27	5.82	+1.00	gG8	+0.043	−0.077	.		8.2	35.4		
5409	14 28 12	+ 5 9	− 2 14	−27	4.80	+0.70	G2III	−0.141	−0.008	+.043	− 10	4.5	5.2		D
5410	14 28 41	+ 5 16	− 6 54	−27	5.74 H	.	gK5	−0.021	−0.061	.	− 49	.	.		
5411	14 27 27	+ 3 57	+41 1	−27	6.45 R	.	F0	−0.058	−0.026	.	− 17	.	.		
5412	14 30 8	+ 6 27	−45 19	−27	5.49	−0.08	B6IV+A1?	−0.049	−0.048	.	+ 10	5.9	10.6		
5413	14 30 21	+ 6 40	−49 31	−27	5.36	+0.05	A0V+B	−0.055	−0.054	.	+ 4V	6.2	22.3		R
5414	14 28 31	+ 4 24	+28 17	−27	7.45 H	.	A0	+0.025	−0.018	.	− 15	.6	26.1		*
5415	14 28 33	+ 4 24	+28 17	−27	6.95 H	.	A0	+0.014	+0.002	.	− 13	.6	26.1		D
5416	14 28 16	+ 4 8	+36 12	−27	6.06 R	.	K0	−0.029	−0.010	.	− 18	.	.		
5417	14 30 57	+ 6 16	−40 51	−27	6.30 H	.	K2	−0.034	−0.002	.		.	.		
5418	14 29 50	+ 5 6	+ 0 49	−27	5.79 R	.	A3	+0.000	+0.001	.	− 9	.	.		
5419	14 31 11	+ 6 12	−38 53	−27	6.02 H	.	gK0	+0.004	+0.026	.		.	.		
5420	14 28 38	+ 3 29	+49 51	−27	5.49 R	.	sgG4	−0.306	−0.053	+.022	− 6	.	.		
5421	14 32 33	+ 7 10	−56 54	−27	6.40	+0.90	F5	−0.024	−0.021	.		.	.		
5422	14 29 50	+ 4 17	+31 47	−27	5.94 R	−0.03	B9si	−0.020	−0.003	.	− 9V	3.5	26.2		2
5423	14 29 36	+ 3 56	+41 48	−27	6.37 R	.	dG4	+0.154	−0.225	+.032	− 1	.	.		
5424	14 30 45	+ 5 0	+ 4 46	−27	6.00 R	.	gK4	−0.001	−0.021	.	+ 6	.	.		
5425	14 32 37	+ 6 44	−50 28	−27	4.41	−0.20	B2V	−0.044	−0.017	.	− 2V?	.	.		
5426	14 33 32	+ 7 1	−55 1	−27	5.86	+0.48	dF7	−0.096	−0.004	.		.	.		
5427	14 33 30	+ 6 53	−52 41	−27	5.86	+1.09	gK0	−0.009	−0.038	.		8.6	20.		
5428	14 33 10	+ 5 56	−30 43	−27	6.11 H	.	K0	+0.037	−0.024	.006D		3.4	2.7		2
5429	14 31 50	+ 4 19	+30 23	−26	3.57	+1.29	K3III	−0.101	+0.115	+.025	− 14V?	7.7	53.2		
5430	14 27 32	− 0 12	+75 41	−27	4.25 R	.	K4III	+0.008	+0.018	+.017	+ 10	5.5	70.0	3	D
5431	14 34 8	+ 6 21	−42 6	−26	6.76 H	.	A2	−0.019	−0.035	.		.	.		
5432	14 35 17	+ 7 28	−60 1	−26	6.39	+1.26	K0	−0.019	−0.040	.		.	.		
5433	14 32 21	+ 4 26	+26 40	−27	5.96 R	+0.22	A7IV-V	−0.067	−0.035	+.010	− 5	.2	.2		D
5434	14 32 33	+ 4 33	+22 16	−26	5.91 R	.	dF2	−0.129	+0.029	.	− 12	.	.		
5435	14 32 5	+ 4 2	+38 19	−26	3.03	+0.19	A7III	−0.115	+0.146	+.016	− 36	9.7	33.4		1
5436	14 30 47	+ 2 23	+63 11	−27	5.98 R	.	dF4	−0.179	+0.003	.	− 3	.	.		
5437	14 31 43	+ 2 43	+60 14	−26	6.18 R	.	gF0	−0.049	+0.018	.	− 19	.	.		
5438	14 34 51	+ 5 38	−20 26	−26	6.48 H	.	A0	+0.017	−0.006	.		.	.		
5439	14 35 32	+ 6 20	−41 31	−26	5.82 H	.	B8	−0.023	−0.023	.		5.2	26.9		
5440	14 35 30	+ 6 21	−42 9	−26	2.35	−0.20	B1.5V?ne	−0.037	−0.032	.	− 0V	10.9	5.6		7
5441	14 33 20	+ 4 5	+36 58	−26	6.38 R	.	F5	−0.006	−0.065	.	+ 2	.	.		
5442	14 32 31	+ 3 8	+55 24	−26	5.83 R	.	gK5	+0.007	−0.022	.	+ 3	.	.		
5443	14 37 46	+ 8 23	−67 56	−27	6.03	+0.50	F5	−0.363	−0.286	+.044		.	.		
5444	14 36 19	+ 6 33	−46 15	−26	5.52	+1.49	gK5	−0.043	+0.012	+.012	− 60	7.1	40.		
5445	14 34 11	+ 4 15	+32 33	−26	6.22 R	.	F2	+0.115	−0.003	.	− 8	5.3	24.8		
5446	14 36 24	+ 6 15	−39 36	−26	6.15 H	.	gG9	−0.039	−0.024	.		.	.		
5447	14 34 41	+ 4 21	+29 45	−26	4.45	+0.36	F2V	+0.187	+0.124	+.063	+ 0	.	.		
5448	14 34 38	+ 4 5	+36 38	−26	6.11 R	.	gK5	−0.031	−0.062	.	− 12	.	.		
5449	14 36 44	+ 6 17	−40 13	−26	5.90 H	.	B8	−0.018	−0.031	.	+ 14	.	.		
5450	14 37 20	+ 6 33	−46 8	−26	5.36	+0.94	K0III	−0.019	−0.027	.	− 16	2.4	19.8	3	D

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
5451		+57 1519	128332	19666	.	8497			14 31 15	+57 30	98 42	+54 57
5452		+50 2095	128333	19668	.	8498		VAR?	14 31 10	+49 48	88 9	+60 12
5453	ρ LUP	−48 9198	128345	19698	.	8508			14 31 9	−48 59	320 8	+ 9 52
5454		+23 2710	128402	19687	.	8503			14 31 36	+23 41	29 27	+66 3
5455		−11 3770	128429	19695	3304.	8507			14 31 41	−11 53	339 21	+42 58
5456		−38 9529	128488	19710	.				14 32 5	−38 22	324 45	+19 30
5457		−46 9469	128582	19725	3305.	8515			14 32 37	−46 9	321 31	+12 22
5458		−48 9218	128617	19727	3307.				14 32 43	−48 37	320 31	+10 6
5459	α CEN	−60 5483	128620	19728	3309.	8517	R5154A		14 32 48	−60 25	315 49	+ 0 44
5460	α CEN	−60 5483	128621	19728	.	8518	R5154B		14 32 48	−60 25	315 49	+ 0 44
5461		−55 6107	128713	19745	.				14 33 19	−56 1	317 38	+ 3 17
5462		+18 2906	128750	19726	3312.	8516			14 33 35	+18 44	18 49	+63 55
5463	α CIR	−64 2977	128898	19772	3313.	8535	IA		14 34 25	−64 32	314 21	− 4 34
5464		+44 2376	128902	19733	.	8520			14 34 27	+44 4	77 26	+62 53
5465		−58 5672	128917	19763	.				14 34 30	−58 11	316 54	+ 1 14
5466		−35 9702	128974	19758	.				14 34 53	−35 42	326 30	+21 41
5467		+54 1693	128998	19742	.	8523			14 35 5	+54 27	94 11	+56 44
5468	33 BOO	+45 2204	129002	19747	3314.	8525			14 35 7	+44 50	78 46	+62 25
5469	α LUP	−46 9501	129056	19774	.	8536	I		14 35 17	−46 58	321 36	+11 26
5470	α APS	−78 893	129078	19834	3315.	8558			14 35 25	−78 37	308 30	−17 26
5471		−37 9618	129116	19779	.	8538			14 35 45	−37 22	325 54	+20 6
5472		+22 2731	129132	19762	.	8530			14 35 49	+22 24	27 9	+64 46
5473		+14 2769	129153	19766	.	8531			14 35 55	+13 58	10 21	+61 7
5474		−30 11624	129161	19780	.		I		14 35 53	−30 30	329 14	+26 15
5475	29 π^1 BOO	+17 2768	129174	19769	3316.	8533	9338A	VAR?	14 36 2	+16 51	15 39	+62 33
5476	29 π^2 BOO	+17 2768	129175	19770	.	8534	9338B	VAR?	14 36 2	+16 51	15 39	+62 33
5477	30 ζ BOO	+14 2770	129246	19777	3320.	8537	9343B	VAR?	14 36 22	+14 9	10 47	+61 7
5478	30 ζ BOO	+14 2770	129247	19777	3320.		9343A	VAR?	14 36 22	+14 9	10 47	+61 7
5479		+80 448	129245	19705	3319.	8510			14 36 23	+80 6	117 25	+36 20
5480	31 BOO	+ 8 2903	129312	19789	3321.	8541		VAR?	14 36 44	+ 8 35	2 2	+57 46
5481	32 BOO	+12 2729	129336	19793	3322.1	8542			14 36 55	+12 5	7 27	+59 52
5482		−62 4275	129422	19832	3323.	8556	I		14 37 22	−62 27	315 30	− 2 48
5483		+21 2674	129430	19800	.	8546			14 37 20	+21 33	25 32	+64 10
5484	4 LIB	−24 11637	129433	19812	.	8549			14 37 27	−24 34	332 45	+31 20
5485		−34 9868	129456	19820	3324.	8552			14 37 32	−34 45	327 29	+22 18
5486		−57 6772	129462	19830	.				14 37 29	−58 3	317 19	+ 1 12
5487	107 μ VIR	− 5 3936	129502	19816	3325.	8551			14 37 47	− 5 13	346 33	+47 34
5488		−55 6150	129557	19835	.	8559	I		14 37 58	−55 11	318 34	+ 3 47
5489		−34 9888	129685	19845	3330.	8561			14 38 51	−34 46	327 44	+22 10
5490	34 BOO	+27 2413	129712	19831	3331.	8555		W BOO	14 39 2	+26 57	38 0	+65 4
5491		−87 235	129723	20261	.				14 39 0	−87 45	304 15	−25 41
5492		+61 1451	129798	19825	3332.	8553	9357	VAR?	14 39 34	+61 41	102 6	+51 9
5493		+41 2523	129846	19841	.	8560			14 39 52	+40 53	70 6	+63 18
5494		−46 9562	129858	19866	.				14 39 48	−47 1	322 18	+11 4
5495		−51 8457	129893	19876	3333.	8580	R5206		14 40 1	−51 58	320 12	+ 6 34
5496		− 0 2867	129902	19852	.	8565			14 40 3	− 0 59	351 20	+50 28
5497	54 HYA	−24 11661	129926	19864	3335.	8572	9375A		14 40 13	−25 1	333 8	+30 38
5498		−51 8461	129932	19882	.		I		14 40 13	−51 47	320 18	+ 6 44
5499		−22 3844	129944	19871	.	8578			14 40 22	−22 44	334 30	+32 36
5500		−66 2645	129954	19898	.				14 40 16	−66 10	314 13	− 6 19

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
5451	14 34 16	+ 3 1	+57 3	−27	6.28 R	.	F5	+0.214	−0.240	.	− 22	.	.		G
5452	14 34 40	+ 3 30	+49 22	−26	5.72 R	.	gM1	−0.047	+0.044	.	− 20	.	.		
5453	14 37 53	+ 6 44	−49 25	−26	4.04	−0.16	B5V	−0.034	−0.025	.	+ 14	.	.		
5454	14 36 7	+ 4 31	+23 15	−26	6.35 R	.	K0	−0.015	+0.015	.	+ 7	.	.		
5455	14 37 0	+ 5 19	−12 19	−26	6.19	+0.48	F6IV-V	−0.876	+0.359	+.034	− 70	.	.		
5456	14 38 20	+ 6 15	−38 48	−26	6.14 H	.	K0	+0.063	−0.029	.		.	.		
5457	14 39 11	+ 6 34	−46 35	−26	6.06	+0.51	F8IV-V	−0.187	−0.217	+.015	− 10	.	.		
5458	14 39 25	+ 6 42	−49 3	−26	6.38	+0.44	F2	−0.171	−0.137	+.002		.	.		
5459	14 39 36	+ 6 48	−60 50	−25	0.33 H	.	G2V	−3.606	+0.705	+.751	− 25V	1.4	8.7	3	*
5460	14 39 36	+ 6 48	−60 50	−25	1.70 H	.	dK1	−3.606	+0.705	.	− 21V	1.4	8.7	3	*
5461	14 40 32	+ 7 13	−56 27	−26	6.30	+1.18	K0	−0.034	−0.005	.		.	.		
5462	14 38 14	+ 4 39	+18 18	−26	5.83 R	.	gK2	−0.033	−0.081	+.035	− 14	.	.		
5463	14 42 30	+ 8 5	−64 58	−26	3.17	+0.24	F0Vp	−0.187	−0.244	+.049	+ 7	5.4	17.8		D
5464	14 38 12	+ 3 45	+43 38	−26	5.70	+1.48	K4III	−0.116	+0.023	.	− 49	.	.		
5465	14 41 56	+ 7 26	−58 37	−26	6.22	+0.46	dF6	+0.021	−0.053	.		.	.		
5466	14 41 2	+ 6 9	−36 8	−26	5.75 H	.	A0si	−0.026	−0.014	.		.	.		
5467	14 38 15	+ 3 10	+54 1	−26	5.48 R	.	A0	+0.013	−0.024	.	− 1V?	.	.		
5468	14 38 50	+ 3 43	+44 24	−26	5.36 R	.	A0	−0.069	−0.028	+.009	− 10V	.	.		6
5469	14 41 56	+ 6 39	−47 24	−26	2.30	−0.22	B2II	−0.021	−0.026	.	+ 7V	10.6	27.6		G
5470	14 47 51	+ 12 26	−79 2	−25	3.82	+1.43	K5III	+0.002	−0.025	+.020	− 0	.	.		
5471	14 41 58	+ 6 13	−37 48	−26	4.00	−0.18	B3V	−0.025	−0.038	.	+ 8V	.	.		G
5472	14 40 22	+ 4 33	+21 58	−26	6.76 R	.	dF1	−0.019	+0.026	.	+ 1V	.	.		R
5473	14 40 42	+ 4 47	+13 32	−26	5.93 R	.	A8	+0.052	−0.034	.	− 8	.	.		G
5474	14 41 51	+ 5 58	−30 56	−26	6.47 H	.	B9	−0.034	−0.030	.003D		.8	1.0		2
5475	14 40 44	+ 4 42	+16 25	−26	4.94 H	.	A p	+0.013	+0.006	−.001	− 1V	1.1	6.1	3	D
5476	14 40 44	+ 4 42	+16 25	−26	5.81 H	.	A m	−0.001	+0.001	.	− 6V?	1.1	6.1	3	*
5477	14 41 9	+ 4 47	+13 43	−26	4.83 H	.	A2III	+0.052	−0.026	+.007	− 5	.4	1.2	3	*
5478	14 41 9	+ 4 47	+13 43	−26	4.43 H	.	A2III	+0.052	−0.026	+.007	− 5	.4	1.2	3	*
5479	14 33 38	− 2 45	+79 40	−26	6.26	+1.30	K3III	−0.096	+0.083	+.013	− 23	.	.		G
5480	14 41 39	+ 4 55	+ 8 9	−26	4.94 R	.	G8III	−0.006	−0.004	+.009	− 22	.	.		
5481	14 41 43	+ 4 48	+11 39	−26	5.56	+0.94	G8III	−0.159	−0.123	+.025	− 23	.	.		
5482	14 45 18	+ 7 56	−62 53	−26	5.35	+0.30	A7Vn	+0.066	−0.094	+.006	+ 7	4.9	36.5		
5483	14 41 54	+ 4 34	+21 7	−26	6.32 R	.	G5	−0.013	−0.061	.	− 11	.	.		
5484	14 43 14	+ 5 47	−25 0	−26	5.75 H	−0.01	B9	−0.020	−0.011	.	− 4	.	.		
5485	14 43 39	+ 6 7	−35 11	−26	4.04	+1.35	K5III	−0.070	−0.190	+.008	− 39	.	.		
5486	14 44 55	+ 7 26	−58 29	−26	6.10	+1.02	gK0	−0.081	−0.063	.		.	.		
5487	14 43 3	+ 5 16	− 5 39	−26	3.89	+0.38	F3IV	+0.106	−0.322	+.039	+ 5V	.	.		
5488	14 45 11	+ 7 13	−55 36	−25	6.09	−0.08	B2IV	−0.014	−0.022	.	− 4	1.5	72.2		
5489	14 44 59	+ 6 8	−35 11	−25	4.91	+0.00	A1	+0.000	−0.012	+.014	− 5	.	.		
5490	14 43 26	+ 4 24	+26 31	−26	4.93 H	.	gM3	−0.012	−0.020	+.003	+ 6	.	.		
5491	15 28 28	+ 49 28	−88 8	−23	6.48	+0.31	F0III	−0.100	−0.073	.	− 14	.	.		
5492	14 42 4	+ 2 30	+61 15	−26	6.25	+0.41	F2IV	+0.071	−0.036	+.018	− 6	2.2	3.9		*
5493	14 43 45	+ 3 53	+40 28	−25	5.68 R	.	gK4	−0.011	+0.021	.	+ 13	.	.		6
5494	14 46 29	+ 6 41	−47 26	−25	5.73	+0.07	A2	−0.026	−0.022	.		.	.		
5495	14 47 1	+ 7 0	−52 23	−25	5.20 H	.	G8III	−0.022	−0.096	+.015	− 21	8.0	8.9		
5496	14 45 12	+ 5 9	− 1 24	−25	6.23 H	.	gM1	−0.055	−0.010	.	− 47	.	.		
5497	14 46 0	+ 5 47	−25 26	−25	5.21 H	.	dF1	−0.152	−0.112	+.041	− 13	1.9	11.3		D
5498	14 47 12	+ 6 59	−52 12	−25	6.26 H	.	A0	−0.028	−0.024	.		4.9	39.5		
5499	14 46 6	+ 5 44	−23 9	−25	5.91 H	.	gG5	+0.022	−0.065	.	+ 7	.	.		
5500	14 48 44	+ 8 28	−66 35	−25	5.90	−0.07	B2V	−0.014	−0.035	.	+ 19	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
5501	108 VIR	+ 1 2972	129956	19860	.	8570			14 40 25	+ 1 8	353 43	+51 58
5502	35 *o* BOO	+17 2780	129972	19858	3337.	8569			14 40 34	+17 23	17 44	+61 50
5503	5 LIB	−14 4023	129978	19870	.	8576	9376		14 40 27	−15 2	339 29	+39 10
5504		−20 4087	129980	19873	.	8579	F		14 40 30	−20 45	335 44	+34 18
5505	36 ϵ BOO	+27 2417	129988		.		9372B		14 40 37	+27 30	39 24	+64 48
5506	36 ϵ BOO	+27 2417	129989	19856	3336.	8567	9372A		14 40 37	+27 30	39 24	+64 48
5507		+19 2854	130025	19862	.	8571			14 40 43	+19 18	21 30	+62 36
5508		−37 9686	130055	19888	.				14 40 49	−37 52	326 37	+19 13
5509		−43 9326	130073	19893	.				14 41 2	−43 8	324 13	+14 29
5510		+33 2489	130084	19867	.	8574			14 41 3	+33 13	52 51	+64 48
5511	109 VIR	+ 2 2862	130109	19884	3340.	8582			14 41 12	+ 2 19	355 17	+52 41
5512		+15 2758	130144	19885	.	8583			14 41 23	+15 33	14 33	+60 48
5513		−20 4093	130157	19895	.	8587			14 41 32	−20 54	335 53	+34 3
5514	55 HYA	−25 10534	130158	19897	.	8588			14 41 33	−25 12	333 20	+30 20
5515		−56 6441	130227	19915	.			VAR?	14 41 48	−56 15	318 36	+ 2 35
5516	56 HYA	−25 10537	130259	19904	3344.	8592			14 41 54	−25 40	333 9	+29 53
5517	57 HYA	−26 10519	130274	19908	.	8593			14 42 6	−26 14	332 52	+29 22
5518		−12 4134	130325	19912	.				14 42 27	−12 25	341 55	+41 4
5519		−36 9645	130328	19917	.				14 42 26	−36 13	327 43	+20 32
5520		−72 1604	130458	19976	.	8624	I		14 43 13	−72 47	311 33	−12 23
5521		−23 11916	130529	19936	.	8598			14 43 32	−23 50	334 35	+31 17
5522		− 0 2886	130557	19932	.	8596			14 43 46	− 0 26	352 59	+50 15
5523	7 μ LIB	−13 3986	130559	19938	3345.	8600	9396		14 43 50	−13 44	341 18	+39 47
5524		+24 2779	130603	19928	.	8595	9389		14 43 57	+24 47	33 33	+63 35
5525	π^1 OCT	−82 629	130650	20070	.				14 44 13	−82 49	306 51	−21 22
5526	58 HYA	−27 10073	130694	19954	3347.	8612			14 44 25	−27 33	332 39	+27 58
5527		−63 3436	130701	19981	.		I		14 44 27	−63 24	315 49	− 4 0
5528	*o* LUP	−43 9391	130807	19977	.	8625	F		14 45 7	−43 10	324 54	+14 7
5529		+38 2593	130817	19949	3348.	8608			14 45 11	+38 13	63 47	+63 8
5530	8 α^1 LIB	−15 3965	130819	19970	3350.	8619	B		14 45 9	−15 35	340 18	+38 5
5531	9 α^2 LIB	−15 3966	130841	19975	3351.	8623	A		14 45 21	−15 38	340 19	+38 1
5532		+29 2581	130917	19966	.	8615			14 45 40	+29 2	43 11	+63 50
5533	38 BOO	+46 1993	130945	19959	.	8614			14 45 45	+46 32	80 0	+59 58
5534		+24 2786	130948	19974	3352.1	8622			14 45 47	+24 20	32 47	+63 5
5535	11 LIB	− 1 2991	130952	19978	3353.	8626			14 45 50	− 1 53	352 4	+48 50
5536		+ 0 3253	130970	19979	.	8627			14 45 53	+ 0 9	354 13	+50 19
5537		+51 1957	131040	19969	.	8617	9405		14 46 18	+51 47	88 26	+57 6
5538	39 BOO	+49 2326	131041	19972	3355.1	8620	9406		14 46 17	+49 8	84 18	+58 35
5539	ζ CIR	−65 2918	131058	20017	.	8645			14 46 14	−65 35	315 2	− 6 3
5540	R APS	−76 924	131109	20057	3358.	8654		R APS	14 46 29	−76 15	310 9	−15 35
5541		+37 2580	131111	19982	3357.	8628			14 46 33	+37 41	62 30	+62 59
5542		−30 11780	131117	19999	3359.	8637			14 46 36	−30 10	331 40	+25 27
5543		−37 9760	131120	20000	.	8640			14 46 34	−37 23	327 56	+19 7
5544	37 ξ BOO	+19 2870	131156	19991	3360.	8634	9413		14 46 46	+19 31	23 6	+61 22
5545	π^2 OCT	−82 636	131246	20145	.	8682			14 47 21	−82 38	307 2	−21 15
5546		−59 5753	131342	20054	3365.	8652			14 47 52	−59 42	317 49	+ 0 52
5547		−76 931	131425	20104	.				14 48 27	−76 45	310 1	−16 5
5548	12 LIB	−24 11735	131430	20047	3366.	8649			14 48 32	−24 14	335 29	+30 21
5549		−32 10457	131432	20051	.		I		14 48 31	−32 53	330 36	+22 53
5550		+16 2705	131473	20032	.	8647	9425		14 48 42	+16 7	17 14	+59 31

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
5501	14 45 31	+ 5 6	+ 0 43	−25	5.47 R	−0.03	B9	−0.042	−0.013	.	− 17	.	.		
5502	14 45 14	+ 4 40	+16 58	−25	4.48 R	.	K0III	−0.060	−0.058	+.043	− 9	.	.		
5503	14 45 58	+ 5 31	−15 27	−25	6.60 H	.	gK2	−0.033	−0.008	.	− 40	4.7	3.1		2
5504	14 46 10	+ 5 40	−21 10	−25	6.40 H	.	dF9	−0.062	−0.112	.026D	− 0	.1	.3		D
5505	14 44 59	+ 4 22	+27 5	−25	5.12 H	.	A2V	.	.	.	− 16	3.3	3.6	3	*
5506	14 44 59	+ 4 22	+27 5	−25	2.70 H	.	K0II-III	−0.049	+0.014	+.013	− 17	3.3	3.6	3	D
5507	14 45 20	+ 4 37	+18 53	−25	6.23 R	.	K0	+0.030	+0.006	.	− 4	.	.		
5508	14 47 5	+ 6 16	−38 17	−25	6.00 H	.	g?K1	+0.050	−0.096	.		.	.		
5509	14 47 32	+ 6 30	−43 33	−25	6.29	+1.08	G5	−0.015	−0.038	.		.	.		
5510	14 45 14	+ 4 11	+32 48	−25	6.30 R	.	gM1	+0.039	−0.084	.	+ 30	.	.		
5511	14 46 15	+ 5 3	+ 1 54	−25	3.74	+0.00	A0V	−0.114	−0.036	+.030	− 6	.	.		
5512	14 46 6	+ 4 43	+15 8	−25	5.80 R	.	gM5	−0.084	+0.009	.	− 22	.	.		
5513	14 47 13	+ 5 41	−21 19	−25	6.11 H	.	gK5	−0.013	−0.004	.	− 24	.	.		
5514	14 47 22	+ 5 49	−25 37	−25	5.67 H	.	A si	−0.008	−0.025	.	− 18	.	.		
5515	14 49 7	+ 7 19	−56 40	−25	6.22	+1.12	K2III	−0.109	−0.131	.	+ 12	.	.		
5516	14 47 44	+ 5 50	−26 5	−25	5.39 H	.	G5III	+0.042	−0.012	+.027	− 1	.	.		
5517	14 47 57	+ 5 51	−26 39	−25	5.80 H	−0.02	B9V	−0.013	−0.020	.	+ 6	.	.		
5518	14 47 54	+ 5 27	−12 50	−25	6.42 H	.	G5	+0.038	−0.093	.		.	.		
5519	14 48 38	+ 6 12	−36 38	−25	6.12 H	.	g?M3	−0.017	−0.054	.		.	.		
5520	14 53 14	+ 10 1	−73 12	−25	5.59	+0.82	G5	+0.030	+0.022	.	+ 38	2.8	1.9		D
5521	14 49 19	+ 5 47	−24 15	−25	5.78 H	.	gK1	−0.025	−0.012	.	− 26	.	.		
5522	14 48 54	+ 5 8	− 0 51	−25	6.06 H	.	A0	−0.009	+0.013	.	− 16	.	.		
5523	14 49 19	+ 5 29	−14 9	−25	5.38 H	+0.06	A p+Ap	−0.064	−0.022	+.002	− 4V	.9	2.0	5	D
5524	14 48 23	+ 4 26	+24 22	−25	5.91BR	.	F5	−0.112	+0.038	.010D	− 31	1.6	1.9		2
5525	15 1 49	+ 17 36	−83 13	−24	5.64	+0.95	K0	+0.018	+0.050	.		.	.		
5526	14 50 17	+ 5 52	−27 58	−25	4.41	+1.39	gK4	−0.242	−0.067	+.005	− 10	.	.		
5527	14 52 35	+ 8 8	−63 49	−25	5.78 H	.	G3II+B8?	−0.020	−0.019	.		.0	.5		2
5528	14 51 39	+ 6 32	−43 35	−25	4.32	−0.16	B6III?	−0.022	−0.033	.	+ 7	.0	.1		*
5529	14 49 7	+ 3 56	+37 48	−25	5.92 R	.	dF3	−0.260	+0.104	+.021	− 35	.	.		
5530	14 50 41	+ 5 32	−16 0	−25	5.16	+0.41	F5IV	−0.100	−0.075	+.042	− 23	2.4	231.		D
5531	14 50 53	+ 5 32	−16 3	−25	2.75	+0.15	A m	−0.107	−0.074	+.049	− 10V	2.4	231.		D
5532	14 49 58	+ 4 18	+28 37	−25	5.53 R	+0.05	A3III	+0.021	−0.005	.	− 3	.	.		6
5533	14 49 19	+ 3 34	+46 7	−25	5.71 R	.	dF4	−0.004	−0.084	.	− 5	.	.		
5534	14 50 15	+ 4 28	+23 55	−25	5.68 R	.	dG2	+0.149	+0.023	+.071	− 1V	.	.		6
5535	14 51 1	+ 5 11	− 2 18	−25	4.95	+0.98	G8III-IV	+0.081	−0.130	+.015	+ 83	.	.		
5536	14 51 0	+ 5 7	− 0 16	−25	6.13 R	.	K2	−0.028	+0.009	.	− 20	.	.		
5537	14 49 33	+ 3 15	+51 22	−25	6.36 R	.	dF4	+0.011	+0.000	.	− 5V	3.3	15.8		*
5538	14 49 41	+ 3 24	+48 43	−25	5.60 R	.	dF6+dF5	−0.077	+0.088	+.010	− 32	.7	3.7		*
5539	14 54 42	+ 8 28	−66 0	−25	6.08	−0.06	B4V	−0.015	−0.032	.	− 21V?	.	.		
5540	14 57 53	+ 11 24	−76 39	−24	5.0 H	.	gM0	−0.073	−0.021	+.003	− 31	.	.		
5541	14 50 30	+ 3 57	+37 16	−25	5.48	+1.02	K0III-IV	−0.213	+0.087	+.026	− 66	.	.		G
5542	14 52 34	+ 5 58	−30 35	−25	6.28	+0.60	dG1	−0.331	−0.034	+.024	− 27V?	.	.		G
5543	14 52 50	+ 6 16	−37 48	−25	5.11 H	.	B6V	−0.034	−0.020	.	+ 5	.	.		
5544	14 51 23	+ 4 37	+19 6	−25	4.54	+0.76	G8V	+0.134	−0.107	+.145	+ 4	1.9	7.1	4	*
5545	15 4 47	+ 17 26	−83 2	−24	5.64	+1.30	K0	−0.003	−0.017	.	− 21	.	.		
5546	14 55 35	+ 7 43	−60 7	−25	5.19	+1.16	K1III	−0.130	−0.113	+.024	− 15	.	.		
5547	15 0 12	+ 11 45	−77 9	−24	5.92	+1.05	K0	+0.007	−0.004	.		.	.		
5548	14 54 21	+ 5 49	−24 39	−25	5.44 H	.	gK2	−0.011	−0.036	+.032	+ 9	.	.		
5549	14 54 38	+ 6 7	−33 17	−24	5.94 H	.	K0	−0.003	−0.006			5.1	13.9		3
5550	14 53 23	+ 4 41	+15 42	−25	6.35 R	.	dF9+dF9	−0.024	+0.000	.021D	+ 21	.7	2.0		2

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
5551	θ CIR	−62 4337	131492	20067	.	8657	F		14 48 41	−62 22	316 43	− 3 18
5552		+59 1615	131507	20012	.	8642			14 48 54	+59 42	98 34	+51 47
5553		+19 2881	131511	20037	3367.	8648			14 48 52	+19 33	23 33	+60 56
5554	13 ξ^1 LIB	−11 3827	131530	20052	.	8651			14 48 57	−11 29	344 21	+40 54
5555		−74 1281	131551	20110	.		I		14 49 8	−74 38	311 4	−14 14
5556		−52 7634	131562	20068	.	8658			14 49 10	−52 24	321 16	+ 5 34
5557	ω OCT	−84 490	131596	20223	.				14 49 22	−84 24	306 10	−22 49
5558		−33 10169	131625	20066	3371.	8656	I		14 49 36	−33 27	330 31	+22 17
5559		−47 9543	131657	20078	.	8659	IA		14 49 44	−47 28	323 38	+ 9 55
5560		−50 8939	131705	20085	.				14 50 1	−51 3	322 1	+ 6 43
5561		−38 9785	131752	20082	.				14 50 14	−39 1	327 47	+17 21
5562		−32 10480	131774	20084	.				14 50 25	−32 14	331 20	+23 15
5563	7 β UMI	+74 595	131873	20029	3373.	8646		VAR?	14 51 0	+74 34	112 39	+40 30
5564	15 ξ^2 LIB	−10 3989	131918	20096	.	8665			14 51 20	−11 0	345 21	+40 56
5565		−28 11055	131919	20103	.				14 51 16	−28 45	333 26	+26 10
5566		−48 9494	131923	20118	3374.	8670			14 51 17	−48 27	323 24	+ 8 55
5567		+15 2796	131951	20092	.	8663			14 51 30	+14 51	15 41	+58 20
5568		−20 4125	131977	20113	3375.	8668	9446A		14 51 37	−20 58	338 14	+32 45
5569		+32 2531	132029	20093	.	8664	9442		14 51 50	+32 42	51 22	+62 35
5570	16 LIB	− 3 3696	132052	20115	3376.	8669			14 51 58	− 3 56	351 44	+46 17
5571	β LUP	−42 9853	132058	20128	.	8677			14 51 59	−42 44	326 15	+13 55
5572		−39 9402	132096	20133	.				14 52 13	−39 30	327 54	+16 44
5573		+ 0 3277	132132	20122	3379.	8674			14 52 26	+ 0 14	356 7	+49 14
5574		+22 2764	132145	20120	.	8672			14 52 33	+21 57	28 48	+60 56
5575		+16 2715	132146	20121	.	8673			14 52 32	+16 47	19 12	+59 0
5576	κ CEN	−41 9342	132200	20146	.	8683	I		14 52 39	−41 42	326 52	+14 46
5577	59 HYA	−27 10148	132219	20140	.	8681	9453		14 52 44	−27 15	334 37	+27 17
5578	17 LIB	−10 3994	132230	20136	.	8679			14 52 48	−10 45	345 56	+40 55
5579		−37 9836	132238	20154	.				14 52 55	−37 29	329 3	+18 26
5580		−42 9871	132242	20156	.				14 52 53	−42 46	326 23	+13 48
5581		+50 2126	132254	20119	3382.	8671			14 53 4	+50 2	84 40	+57 10
5582	18 LIB	−10 3999	132345	20157	.	8686	9456		14 53 29	−10 45	346 6	+40 49
5583		− 4 3783	132375	20158	3384.	8687	9457		14 53 40	− 4 35	351 34	+45 31
5584		+ 5 2954	132525	20174	.	8690			14 54 24	+ 4 58	2 9	+52 5
5585		−37 9863	132604	20189	.				14 54 53	−37 40	329 18	+18 5
5586	19 δ LIB	− 7 3938	132742	20195	3387.	8696		δ LIB	14 55 38	− 8 7	348 52	+42 31
5587		−33 10244	132763	20203	.				14 55 47	−33 58	331 27	+21 11
5588	40 BOO	+39 2820	132772	20183	.	8693			14 55 47	+39 40	65 41	+60 46
5589		+66 878	132813	20170	3388.	8689		RR UMI	14 55 59	+66 20	104 53	+46 31
5590		− 2 3928	132833	20202	.	8699			14 56 8	− 2 22	354 23	+46 44
5591	60 HYA	−27 10183	132851	20209	.				14 56 9	−27 40	335 5	+26 32
5592		+22 2772	132879	20200	.	8698			14 56 23	+22 27	30 18	+60 14
5593	η CIR	−63 3493	132905	20242	3390.	8712			14 56 27	−63 38	316 54	− 4 50
5594		+ 0 3297	132933	20212	.	8703	9480		14 56 42	+ 0 15	357 17	+48 29
5595		−32 10560	132955	20225	.	8705			14 56 52	−32 15	332 36	+22 33
5596		+83 431	133002	20087	3393.	8660			14 57 3	+82 55	118 30	+33 33
5597		+47 2192	133029	20205	.	8701	9477	VAR?	14 57 14	+47 40	80 12	+57 43
5598		−71 1729	133049	20280	.				14 57 12	−71 31	313 8	−11 46
5599		− 2 3933	133112	20228	.				14 57 33	− 2 38	354 30	+46 17
5600	41 ω BOO	+25 2861	133124	20224	3395.	8704			14 57 44	+25 24	36 15	+60 40

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
5551	14 56 44	+ 8 3	−62 46	−24	5.42 H	.	B3Vne	−0.008	−0.009	.	− 4V	.0	.1		
5552	14 51 26	+ 2 32	+59 18	−24	5.46	+1.36	K4III	−0.124	+0.132	.	+ 11	.	.		
5553	14 53 24	+ 4 32	+19 9	−24	6.01	+0.83	dK1	−0.453	+0.209	+.084	− 34V	.	.		*
5554	14 54 23	+ 5 26	−11 53	−24	5.84 H	.	gG7	−0.056	−0.018	.	− 24	.	.		
5555	14 59 56	+ 10 48	−75 2	−24	6.19	−0.04	B9	+0.001	−0.024	.		6.7	30.		
5556	14 56 17	+ 7 7	−52 48	−24	5.56 H	.	A2V	+0.027	−0.007	.	+ 7V	.	.		6
5557	15 11 10	+ 21 48	−84 48	−24	5.90	−0.06	A0	+0.002	+0.003	.		.	.		
5558	14 55 44	+ 6 8	−33 51	−24	5.34 H	.	A0	+0.017	−0.005	+.001	− 9V	6.9	24.8		R
5559	14 56 31	+ 6 47	−47 52	−24	5.63	−0.04	B9V	−0.043	−0.026	.	+ 8V	1.1	3.3		*
5560	14 57 2	+ 7 1	−51 27	−24	6.49 H	.	M1	−0.079	−0.014	.		.	.		
5561	14 56 36	+ 6 22	−39 25	−24	6.44 H	.	A0	−0.028	−0.030	.		.	.		
5562	14 56 31	+ 6 6	−32 38	−24	6.19 H	.	K0	−0.010	−0.036	.		.	.		
5563	14 50 43	− 0 17	+74 9	−25	2.08 R	.	K4III	−0.032	+0.007	+.031	+ 17	.	.		
5564	14 56 46	+ 5 26	−11 24	−24	5.63 H	.	K4III	+0.004	+0.000	.	+ 15	.	.		
5565	14 57 14	+ 5 58	−29 9	−24	6.18 H	−0.04	B9	−0.028	−0.040	.		.	.		
5566	14 58 9	+ 6 52	−48 52	−25	6.34	+0.71	dG7	−0.021	−0.318	+.045	+ 44	.	.		
5567	14 56 13	+ 4 43	+14 27	−24	5.84 R	−0.06	B9.5V	−0.015	−0.010	.	− 11	.	.		
5568	14 57 27	+ 5 50	−21 25	−27	5.80	+1.11	K5V	+1.041	−1.745	+.173	+ 20	1.0	19.9	6	D
5569	14 55 58	+ 4 8	+32 18	−24	6.09 R	+0.11	A3V	−0.047	−0.005	.	− 12	3.5	4.7		3
5570	14 57 11	+ 5 13	− 4 20	−24	4.48	+0.32	F0IV	−0.103	−0.161	+.040	+ 22	.	.		
5571	14 58 32	+ 6 33	−43 8	−24	2.67	−0.23	B2IV	−0.046	−0.048	.	− 0V?	.	.		*
5572	14 58 37	+ 6 24	−39 54	−24	6.28 H	.	gK2	−0.050	−0.068	.		.	.		
5573	14 57 34	+ 5 8	− 0 10	−24	5.60 R	.	K1III	+0.064	−0.031	+.032	+ 20	.	.		
5574	14 57 3	+ 4 30	+21 33	−24	6.22 R	−0.02	A1V	−0.021	−0.032	.	− 11	.	.		
5575	14 57 12	+ 4 40	+16 23	−24	5.61 R	.	gG5	+0.003	−0.008	.	− 16	.	.		
5576	14 59 9	+ 6 30	−42 6	−24	3.12	−0.24	B2V	−0.017	−0.028	.	+ 9V	8.1	3.8		G
5577	14 58 39	+ 5 55	−27 39	−24	5.68 H	.	A m	−0.043	−0.019	.008D	− 16	.0	1.1		2
5578	14 58 13	+ 5 25	−11 9	−24	6.42 H	.	A0	−0.015	−0.021	.	− 17	.	.		6
5579	14 59 14	+ 6 19	−37 53	−24	6.49 H	.	B8	−0.021	−0.030	.	+ 22	.	.		
5580	14 59 27	+ 6 34	−43 10	−24	6.09	+0.60	F8	−0.020	−0.019	.		.	.		7
5581	14 56 23	+ 3 19	+49 37	−25	5.62 R	.	dF7	+0.108	−0.231	+.026	− 15	.	.		
5582	14 58 54	+ 5 25	−11 9	−24	6.02 H	.	K3III-IVp	−0.105	−0.069	.	− 12	4.2	20.0	3	D
5583	14 58 53	+ 5 13	− 4 59	−24	6.09	+0.50	dF6	−0.360	−0.103	+.009	− 29	7.2	9.3		D
5584	14 59 24	+ 5 0	+ 4 34	−24	6.00 R	.	gM1	+0.001	−0.015	.	− 12	.	.		
5585	15 1 13	+ 6 20	−38 4	−24	5.98 H	.	gK2	+0.011	−0.040	.		.	.		
5586	15 0 59	+ 5 21	− 8 31	−24	4.92	−0.01	A0	−0.065	−0.012	+.021	− 39V	.	.		R
5587	15 1 58	+ 6 11	−34 22	−24	6.38 H	.	A m	−0.027	−0.028	.		.	.		
5588	14 59 37	+ 3 50	+39 16	−24	5.53 R	.	F2	−0.032	+0.031	.	+ 12	.	.		
5589	14 57 35	+ 1 36	+65 56	−24	4.69 R	.	gM5	−0.078	+0.026	+.011	+ 7V	.	.		R
5590	15 1 20	+ 5 12	− 2 46	−24	5.68 H	.	gM0	+0.030	−0.026	.	− 15	.	.		
5591	15 2 7	+ 5 58	−28 4	−24	5.84	+0.15	A m	+0.093	−0.046	.		.	.		
5592	15 0 52	+ 4 29	+22 3	−24	6.36 R	.	K0	+0.008	−0.001	.	− 26	.	.		
5593	15 4 49	+ 8 22	−64 2	−24	5.22 H	.	gG4	+0.103	−0.006	+.027	+ 45	.	.		
5594	15 1 49	+ 5 7	− 0 9	−24	5.76 R	.	gM2	+0.006	−0.030	.002D	− 34	2.3	.7	3	D
5595	15 2 59	+ 6 7	−32 39	−24	5.45 H	.	B3V	−0.024	−0.034	.	+ 6	.	.		G
5596	14 50 21	− 6 42	+82 30	−25	5.62 R	.	dG0	+0.165	−0.230	+.016	− 43	.	.		
5597	15 0 39	+ 3 25	+47 16	−24	6.38	−0.14	A p	−0.011	+0.016	.	− 14V	2.5	36.3		3
5598	15 7 9	+ 9 57	−71 54	−23	6.52	+1.59	K5	+0.032	−0.026	.		.	.		
5599	15 2 45	+ 5 12	− 3 2	−24	6.48 H	.	A2	−0.042	−0.026	.		.	.		
5600	15 2 7	+ 4 23	+25 0	−24	4.80 R	.	K4III	−0.007	−0.054	+.026	+ 13	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
5601	110 VIR	+ 2 2905	133165	20237	3398.	8710			14 57 51	+ 2 29	0 4	+49 48
5602	42 β BOO	+40 2840	133208	20226	3399.	8706			14 58 11	+40 47	67 38	+60 2
5603	20 σ LIB	−24 11834	133216	20253	3400.	8717			14 58 13	−24 53	337 13	+28 38
5604		−40 9243	133220	20262	.				14 58 14	−40 28	328 27	+15 20
5605	π LUP	−46 9773	133242	20271	.	8724	I		14 58 18	−46 40	325 19	+ 9 56
5606	π LUP	−46 9773	133243	20271	.	8724	I		14 58 18	−46 40	325 19	+ 9 56
5607		−40 9257	133340	20278	3401.	8725	I		14 58 49	−40 41	328 26	+15 5
5608		+60 1582	133388	20233	.	8708			14 59 7	+60 36	98 16	+50 14
5609		+35 2642	133392	20252	.	8716		VAR?	14 59 7	+35 36	57 14	+60 51
5610		+ 6 2983	133408	20267	.	8722	9493A		14 59 9	+ 5 53	4 30	+51 45
5611		−64 3095	133456	20306	.			VAR?	14 59 23	−64 53	316 35	− 6 5
5612		+45 2251	133484	20258	.	8718			14 59 35	+45 2	75 20	+58 26
5613		+35 2644	133485	20265	.	8720			14 59 35	+34 57	55 53	+60 49
5614		−25 10710	133529	20292	.				14 59 55	−25 24	337 16	+27 59
5615		−35 10035	133550	20294	.				14 59 57	−35 53	331 11	+19 6
5616	43 ψ BOO	+27 2447	133582	20285	3406.	8729			15 0 10	+27 20	40 20	+60 28
5617		−48 9630	133631	20315	.				15 0 28	−48 42	324 47	+ 7 56
5618	44 i BOO	+48 2259	133640	20281	3410.	8727	9494	i BOO	15 0 30	+48 3	80 23	+57 3
5619		−30 11960	133652	20303	.				15 0 29	−30 32	334 18	+23 36
5620		−21 4030	133670	20305	.	8734			15 0 41	−21 39	339 51	+31 0
5621		−66 2725	133683	20339	.				15 0 36	−66 42	315 48	− 7 43
5622	21 ν LIB	−15 4026	133774	20311	3411.	8737			15 1 3	−15 52	344 0	+35 38
5623		−63 3518	133792	20347	.				15 1 5	−63 15	317 33	− 4 45
5624		−40 9305	133880	20335	.				15 1 43	−40 12	329 11	+15 13
5625		−42 10050	133937	20350	.	8752			15 2 3	−42 29	328 2	+13 13
5626	λ LUP	−44 9889	133955	20356	.	8755	I		15 2 6	−44 54	326 48	+11 8
5627	47 BOO	+48 2262	133962	20308	3414.	8736	9500	VAR?	15 2 7	+48 32	80 57	+56 36
5628		−72 1714	133981	20391	.				15 2 16	−72 23	313 2	−12 43
5629		+66 887	133994	20297	.	8732			15 2 26	+66 18	104 11	+46 5
5630		+37 2608	134044	20329	.	8741			15 2 40	+36 50	59 32	+59 59
5631		+ 6 3001	134047	20346	.	8750			15 2 43	+ 5 52	5 22	+51 3
5632		−60 5656	134060	20379	.				15 2 43	−61 2	318 49	− 2 55
5633		+19 2924	134064	20340	.	8746	9505		15 2 45	+18 50	24 40	+57 37
5634	45 BOO	+25 2873	134083	20342	3416.	8747			15 2 55	+25 16	36 29	+59 30
5635		+55 1730	134190	20332	3422.	8743			15 3 25	+54 56	90 26	+53 13
5636		−38 10020	134255	20382	.				15 3 43	−38 25	330 29	+16 33
5637		−54 6367	134270	20395	.	8772	I		15 3 49	−54 58	321 58	+ 2 17
5638	46 BOO	+26 2656	134320	20367	.	8761			15 4 5	+26 41	39 19	+59 30
5639		+13 2901	134323	20373	.	8766			15 4 10	+13 37	16 27	+55 3
5640		+25 2876	134335	20373	.	8764			15 4 14	+25 29	128 2	−36 41
5641		−25 10758	134373	20389	.				15 4 24	−25 57	337 52	+26 58
5642		−44 9922	134444	20405	.		I		15 4 49	−44 54	327 13	+10 53
5643		−44 9921	134443	20403	.		I		15 4 46	−44 54	327 13	+10 54
5644	X TRA	−69 2267	134453	20436	.	8788		X TRA	15 4 43	−69 42	314 36	−10 30
5645		−61 4856	134468	20422	.				15 4 52	−61 22	318 52	− 3 20
5646	κ LUP	−48 9704	134481	20409	.	8778	IA		15 4 59	−48 21	325 28	+ 7 54
5647		−48 9705	134482	20411	.	8779	IB		15 5 0	−48 22	325 27	+ 7 53
5648		+50 2146	134493	20380	.	8767			15 5 9	+50 27	83 36	+55 17
5649	ζ LUP	−51 8830	134505	20418	3427.	8781	A		15 5 6	−51 43	323 46	+ 5 0
5650		−47 9779	134597	20426	.				15 5 35	−47 50	325 49	+ 8 18

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
5601	15 2 54	+ 5 3	+ 2 5	−24	4.40	+1.04	K0III	−0.057	+0.005	+.019	− 16	.	.		
5602	15 1 57	+ 3 46	+40 23	−24	3.53 R	.	G8III	−0.044	−0.039	+.022	− 20	.	.		
5603	15 4 4	+ 5 51	−25 17	−24	3.30	+1.66	M4III	−0.073	−0.052	+.056	− 4	.	.		N
5604	15 4 43	+ 6 29	−40 52	−24	6.42 H	.	gM4	−0.017	−0.044	.		.	.		
5605	15 5 7	+ 6 49	−47 3	−23	4.72 H	.	B5IV	−0.024	−0.025	.009D	+ 17V	.1	1.6		D
5606	15 5 7	+ 6 49	−47 3	−23	4.82 H	.	B5IV	−0.024	−0.025	.009D	+ 17V	.1	1.6		D
5607	15 5 19	+ 6 30	−41 4	−23	5.28 H	.	gK0	+0.018	−0.009	+.013	− 3	7.2	25.		
5608	15 1 27	+ 2 20	+60 12	−24	5.85 R	.	A2	−0.023	+0.012	.	− 9	.	.		
5609	15 3 6	+ 3 59	+35 13	−23	5.52 R	.	gG8	−0.044	+0.003	.	− 27	.	.		
5610	15 4 7	+ 4 58	+ 5 29	−24	7.06 H	.	F0	−0.012	−0.048	.017D	− 8	.0	10.1		2
5611	15 7 57	+ 8 34	−65 16	−23	6.16	+1.47	K2	+0.013	−0.019	.		.	.		
5612	15 3 7	+ 3 32	+44 39	−23	6.39 R	.	dF5	−0.093	+0.005	.	− 20	.	.		
5613	15 3 36	+ 4 1	+34 34	−23	6.28 R	.	G8III-IV	−0.005	−0.025	.	− 25	.	.		
5614	15 5 48	+ 5 53	−25 47	−23	6.59 H	−0.01	B8	−0.003	−0.029	.		.	.		
5615	15 6 14	+ 6 17	−36 16	−23	6.42 H	.	g?K5	−0.019	+0.003	.		.	.		
5616	15 4 27	+ 4 17	+26 57	−23	4.56 R	.	K2III	−0.179	−0.014	+.016	− 26	.	.		
5617	15 3 48	+ 3 20	−49 5	−23	5.76	+0.92	K0	+0.011	+0.012	.		.	.		
5618	15 3 48	+ 3 18	+47 40	−23	4.76	+0.65	dG1	−0.409	+0.027	+.076	− 25	.9	4.8		*
5619	15 6 33	+ 6 4	−30 55	−23	6.01 H	.	A0si	−0.018	−0.045	.	+ 2V	.	.		
5620	15 6 27	+ 5 46	−22 2	−23	6.11 H	.	gK1	+0.063	−0.066	.	+ 5	.	.		
5621	15 9 30	+ 8 54	−67 5	−23	5.76	+0.69	cF	+0.003	−0.013	.		.	.		
5622	15 6 38	+ 5 35	−16 15	−23	5.28 H	.	K5III	−0.043	−0.028	+.012	− 15	.	.		
5623	15 9 25	+ 8 20	−63 38	−23	6.38 H	.	A p	−0.011	−0.027	.		.	.		
5624	15 8 12	+ 6 29	−40 35	−23	5.78?	−0.12	A0si	−0.039	−0.052	.	+ 12V	.	.		
5625	15 8 39	+ 6 36	−42 52	−23	5.82	−0.11	B7?V?nn	−0.030	−0.024	.	+ 2V	.	.		
5626	15 8 50	+ 6 44	−45 17	−23	4.05	−0.18	B3V	−0.019	−0.026	.012D	+ 18V	.4	.8		D
5627	15 5 26	+ 3 19	+48 9	−23	5.56 R	.	A0	−0.065	+0.022	+.024	− 13	7.7	6.2		D
5628	15 12 34	+ 10 18	−72 46	−23	6.00	+0.00	A0	−0.015	−0.017	.		.	.		
5629	15 3 57	+ 1 31	+65 55	−23	6.08 R	.	A0	+0.022	−0.011	.	− 5	.	.		
5630	15 6 35	+ 3 55	+36 27	−23	6.16 R	.	F5	−0.065	+0.020	.	− 5	.	.		
5631	15 7 41	+ 4 58	+ 5 29	−23	6.12 R	.	gG6	−0.009	−0.025	.	+ 3V	.	.		6
5632	15 10 45	+ 8 2	−61 25	−23	6.29	+0.63	G3IV	−0.195	−0.028	.	+ 38	.	.		
5633	15 7 20	+ 4 35	+18 27	−23	5.98 R	+0.06	A2V	+0.041	−0.063	.015D	− 5V	.0	.1		*
5634	15 7 18	+ 4 23	+24 53	−23	4.92	+0.44	F5V	+0.183	−0.177	+.061	− 7	.	.		G
5635	15 6 17	+ 2 52	+54 33	−23	5.11 R	.	G8III	+0.053	+0.006	+.029	+ 16	.	.		
5636	15 10 8	+ 6 25	−38 48	−23	6.02 H	.	gG8	−0.008	−0.028	.		.	.		
5637	15 11 16	+ 7 27	−55 21	−23	5.56 H	.	gG2	−0.011	−0.020	.	− 4	6.7	11.4		
5638	15 8 24	+ 4 19	+26 18	−23	5.56 R	.	gK2	+0.003	−0.021	.	+ 21V?	.	.		
5639	15 8 54	+ 4 44	+13 14	−23	5.94 R	.	dG6	−0.058	+0.056	.	− 49	.	.		
5640	15 8 35	+ 4 21	+25 6	−23	5.79 R	.	gK1	−0.011	−0.008	.	− 16	.	.		
5641	15 10 19	+ 5 55	−26 20	−23	5.94 H	.	K0	−0.032	−0.019	.		.	.		
5642	15 11 34	+ 6 45	−45 17	−23	6.40 H	.	gK0	−0.013	+0.007	.		.7	34.4		D
5643	15 11 32	+ 6 46	−45 17	−23	7.06 H	.	K0	+0.021	−0.062	.		.	.		D
5644	15 14 19	+ 9 36	−70 5	−23	8.2 H	.	Nb	+0.007	−0.015	.	− 4	.	.		
5645	15 13 0	+ 8 8	−61 45	−23	6.10 H	.	K2	−0.007	−0.016	.		.	.		
5646	15 11 56	+ 6 57	−48 44	−23	4.14 H	.	B9V	−0.092	−0.059	.	+ 3V	1.9	27.4		D
5647	15 11 57	+ 6 57	−48 45	−23	6.04 H	.	A0	−0.106	−0.045	.	+ 0	1.9	27.4		D
5648	15 8 19	+ 3 10	+50 4	−23	6.13 R	.	K0III	−0.006	−0.028	.	− 29	.	.		
5649	15 12 17	+ 7 11	−52 6	−23	3.40	+0.92	G8III	−0.113	−0.074	+.036	− 10	4.4	71.9		D
5650	15 12 31	+ 6 56	−48 13	−23	6.32	+1.12	gK2	−0.017	−0.034	.		.	.		

BS = HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
5651		−44 9932	134687	20435	.	8787			15 6 6	−44 7	327 50	+11 27
5652	24 ι LIB	−19 4047	134759	20433	3429.	8785	9532	VAR?	15 6 31	−19 25	342 41	+32 1
5653		−35 10119	134837	20446	.				15 6 49	−35 43	332 31	+18 31
5654		+19 2935	134943	20442	3432.	8790		VAR?	15 7 31	+19 21	26 19	+56 46
5655		−23 12133	134946	20453	.				15 7 27	−23 38	340 0	+28 28
5656	25 LIB	−19 4055	134967	20456	.	8796			15 7 37	−19 16	343 2	+31 58
5657	23 LIB	−24 11928	134987	20461	3433.	8799			15 7 38	−24 56	339 12	+27 23
5658		−25 10801	135051	20466	.	8801	9538		15 7 58	−25 49	338 42	+26 37
5659		+19 2939	135101	20457	3435.	8797	9535A		15 8 16	+19 39	26 57	+56 43
5660	1 LUP	−31 11813	135153	20480	3437.	8810			15 8 30	−31 9	335 30	+22 9
5661		−60 5698	135160	20497	.		I		15 8 32	−60 32	319 41	− 2 50
5662	26 LIB	−17 4285	135230	20484	.	8815			15 8 55	−17 24	344 40	+33 16
5663		−47 9824	135235	20496	.		I		15 8 56	−47 42	326 22	+ 8 7
5664	δ CIR	−60 5701	135240	20507	.	8822	I		15 8 52	−60 35	319 41	− 2 54
5665		+23 2789	135263	20474	.	8802			15 9 7	+23 21	33 33	+57 40
5666	ε CIR	−63 3544	135291	20519	3440.	8828			15 9 12	−63 14	318 21	− 5 11
5667		−41 9682	135345	20503	.	8820	I		15 9 29	−41 7	329 59	+13 40
5668		−43 9749	135348	20506	.	8821			15 9 29	−43 7	328 54	+11 59
5669		− 4 3840	135367	20491	.				15 9 34	− 5 8	355 4	+42 25
5670	β CIR	−58 5875	135379	20526	3443.1	8833			15 9 41	−58 26	320 53	− 1 7
5671	γ TRA	−68 2383	135382	20538	3443.	8837			15 9 34	−68 19	315 43	− 9 33
5672		+68 823	135384	20451	.	8793			15 9 40	+68 10	105 23	+44 17
5673		+38 2629	135402	20483	.	8814			15 9 47	+38 38	62 35	+58 20
5674		+32 2561	135438	20489	.	8816			15 10 0	+32 9	50 11	+58 45
5675	3 SER	+ 5 2985	135482	20501	3444.	8819			15 10 13	+ 5 19	6 28	+49 14
5676	48 χ BOO	+29 2640	135502	20495	3445.	8818			15 10 18	+29 32	45 10	+58 32
5677		+42 2577	135530	20494	.	8817			15 10 33	+42 33	69 43	+57 21
5678		−21 4065	135534	20522	.	8829			15 10 35	−22 2	341 45	+29 21
5679	4 SER	+ 0 3327	135559	20515	3446.	8826			15 10 43	+ 0 45	1 19	+46 15
5680		−60 5720	135591	20549	.	8840	I		15 10 46	−60 8	320 7	− 2 38
5681	49 δ BOO	+33 2561	135722	20523	3449.	8830	9559A	VAR?	15 11 28	+33 41	53 7	+58 26
5682		−40 9481	135730	20551	.				15 11 35	−40 42	330 33	+13 49
5683	μ LUP	−47 9860	135734	20556	.	8842	IAB		15 11 34	−47 30	326 51	+ 8 4
5684		−67 2836	135737	20573	.		I		15 11 32	−67 7	316 31	− 8 38
5685	27 β LIB	− 8 3935	135742	20539	3450.	8838			15 11 37	− 9 1	352 1	+39 15
5686	2 LUP	−29 11630	135758	20550	3451.	8841		VAR?	15 11 45	−29 47	336 57	+22 53
5687		−40 9496	135876	20566	.	8847			15 12 23	−40 25	330 51	+13 58
5688		−30 12117	135896	20563	.		I		15 12 34	−30 51	336 27	+21 55
5689		−36 10062	136014	20581	.				15 13 9	−36 44	333 4	+16 58
5690		+ 0 3337	136028	20570	.	8849			15 13 18	− 0 6	1 1	+45 12
5691		+67 876	136064	20532	3455.	8834			15 13 29	+67 44	104 36	+44 19
5692		+21 2755	136138	20575	.	8857			15 13 55	+20 56	29 56	+55 54
5693		+69 789	136174	20544	.	8839			15 14 7	+69 19	106 10	+43 12
5694	5 SER	+ 2 2944	136202	20591	3457.	8861	9584		15 14 12	+ 2 9	3 41	+46 29
5695	δ LUP	−40 9538	136298	20620	.	8871		VAR?	15 14 48	−40 17	331 19	+13 50
5696		−40 9539	136334	20632	.				15 15 1	−40 24	331 17	+13 42
5697		−37 10171	136347	20630	.		IA		15 15 3	−37 51	332 45	+15 50
5698	ν^1 LUP	−47 9922	136351	20644	3463.	8884			15 15 10	−47 34	327 20	+ 7 41
5699	ν^2 LUP	−47 9919	136352	20635	3462.	8877			15 15 3	−47 57	327 7	+ 7 22
5700		−60 5760	136359	20654	.				15 15 4	−60 18	320 29	− 3 4

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
5651	15 12 49	+ 6 43	−44 30	−23	4.82	−0.18	B3III	−0.036	−0.035	.	+ 11V	.	.		6
5652	15 12 13	+ 5 42	−19 48	−23	4.53	−0.09	A si	−0.038	−0.047	+.023	− 12V	4.7	66.5	3	*
5653	15 13 7	+ 6 18	−36 6	−23	6.09	−0.08	B9	−0.046	−0.026	.		.	.		
5654	15 12 4	+ 4 33	+18 58	−23	5.78 R	.	gM4	−0.013	+0.002	+.003	− 35	.	.		
5655	15 13 18	+ 5 51	−24 1	−23	6.39 H	−0.03	B9	−0.012	−0.030	.		.	.		
5656	15 13 19	+ 5 42	−19 39	−23	6.07	+1.13	A2	−0.051	−0.044	.	+ 1	.	.		6
5657	15 13 29	+ 5 51	−25 19	−23	6.44	+0.70	dG4	−0.398	−0.078	+.026	+ 3	.	.		
5658	15 13 53	+ 5 55	−26 11	−22	6.05 H	.	gG5	−0.016	−0.009	.	− 28	5.1	1.9		
5659	15 12 44	+ 4 28	+19 17	−22	6.68	+0.68	G5V	−0.591	+0.284	+.025	− 37	.9	25.2		*
5660	15 14 38	+ 6 8	−31 31	−22	4.90	+0.38	F0I	−0.003	−0.005	+.007	− 23	.	.		
5661	15 16 36	+ 8 4	−60 54	−22	5.73	−0.09	B1Ve	−0.023	−0.008	.	+ 4	5.8	10.5	3	D
5662	15 14 34	+ 5 39	−17 46	−22	6.31 H	−0.02	B9	−0.023	−0.021	.	− 26	.	.		
5663	15 15 53	+ 6 57	−48 4	−22	6.19 H	.	A m?	+0.014	−0.038	.		4.0	13.3		
5664	15 16 57	+ 8 5	−60 57	−22	5.08	−0.06	O9V	−0.016	−0.017	.	+ 88V	8.3	50.		
5665	15 13 32	+ 4 25	+22 59	−22	6.21 R	+0.06	A2V	+0.050	+0.089	.	− 5	.	.		
5666	15 17 39	+ 8 27	−63 36	−22	4.85	+1.26	gK0	+0.003	+0.001	−.001	− 5	.	.		
5667	15 16 4	+ 6 35	−41 29	−22	5.20 H	.	G5Ia+B	−0.007	−0.011	.	− 27	.	.		D
5668	15 16 10	+ 6 41	−43 29	−22	6.32 H	.	B5	−0.010	−0.003	.	− 21	.	.		
5669	15 14 50	+ 5 16	− 5 30	−22	6.45 H	.	K2	−0.022	−0.002	.		.	.		
5670	15 17 31	+ 7 50	−58 48	−22	4.06	+0.08	A3V	−0.099	−0.145	+.046	+ 9	.	.		
5671	15 18 55	+ 9 21	−68 41	−22	2.88	+0.01	A1V	−0.059	−0.032	+.005	+ 0	.	.		
5672	15 10 44	+ 1 4	+67 47	−23	6.12 R	.	A3	−0.001	−0.003	.	− 8V	.	.		
5673	15 13 35	+ 3 48	+38 16	−22	6.27 R	.	gK2	−0.011	−0.048	.	− 62	.	.		
5674	15 14 6	+ 4 6	+31 47	−22	6.06 R	.	K5	+0.039	−0.027	.	+ 4	.	.		
5675	15 15 11	+ 4 58	+ 4 57	−22	5.31 R	.	gK0	−0.021	−0.002	+.020	− 34	.	.		
5676	15 14 29	+ 4 11	+29 10	−22	5.19 R	+0.02	A2V	−0.071	+0.022	+.022	− 16	.	.		
5677	15 14 10	+ 3 37	+42 11	−22	6.20 R	.	gM2	+0.016	−0.021	.	− 7	.	.		
5678	15 16 23	+ 5 48	−22 24	−22	5.71 H	.	gK5	−0.035	−0.004	.	− 5	.	.		
5679	15 15 49	+ 5 6	+ 0 23	−22	5.66 R	.	A3	−0.111	+0.010	+.018	− 8	.	.		
5680	15 18 49	+ 8 3	−60 30	−22	5.50 H	.	O9Ib	−0.024	−0.010	.	− 6	5.5	44.6	3	
5681	15 15 30	+ 4 2	+33 19	−22	3.50	+0.95	G8III	+0.085	−0.121	+.028	− 12	4.2	105.4		D
5682	15 18 9	+ 6 34	−41 4	−22	6.27	+0.18	A m	+0.026	+0.002	.		.	.		
5683	15 18 31	+ 6 57	−47 52	−22	4.21?	−0.10	B8	−0.029	−0.044	.013D	+ 15	.2	2.1	3	D
5684	15 20 41	+ 9 9	−67 29	−22	6.27	−0.10	B3V	+0.005	−0.018	.	− 4V	2.5	1.3		7
5685	15 17 0	+ 5 23	− 9 23	−22	2.61	−0.11	B8V	−0.098	−0.026	−.012	− 35	.	.		
5686	15 17 50	+ 6 5	−30 9	−22	4.34	+1.10	gK0	−0.012	−0.015	+.012	− 4	.	.		
5687	15 18 57	+ 6 34	−40 47	−22	5.58	−0.10	B9V	−0.016	−0.029	.	+ 16V	.	.		
5688	15 18 42	+ 6 8	−31 13	−22	6.32 H	.	K0	−0.008	−0.015	.		8.4	21.3		
5689	15 19 31	+ 6 22	−37 6	−22	6.19	+ 0.97	G5	−0.095	−0.129	.	+ 11	.	.		
5690	15 18 26	+ 5 8	− 0 28	−22	6.04 H	.	gK5	+0.003	−0.013	.	− 13	.	.		
5691	15 14 38	+ 1 9	+67 21	−23	5.14	+0.53	F8V	+0.218	−0.394	+.046	− 47	.	.		
5692	15 18 24	+ 4 29	+20 34	−22	5.55 R	.	gG5	−0.014	−0.027	.	− 8	.	.		
5693	15 14 52	+ 0 45	+68 57	−22	6.46 R	.	A0	+0.022	−0.013	.	− 11	.	.		
5694	15 19 18	+ 5 6	+ 1 46	−23	5.06	+0.54	F8IV-V	+0.369	−0.521	+.037	+ 54	4.0	127.2	3	*
5695	15 21 22	+ 6 34	−40 39	−22	3.21	−0.23	B2IV	−0.015	−0.028	.	+ 2	.	.		G
5696	15 21 35	+ 6 34	−40 46	−22	6.24 H	.	A2	−0.013	−0.037	.		.	.		
5697	15 21 30	+ 6 27	−38 13	−22	6.72 H	.	A0si	−0.015	−0.046	.		2.2	6.2		D
5698	15 22 8	+ 6 58	−47 56	−22	4.99	+0.50	dF7	−0.140	−0.143	+.025	− 11	.	.		
5699	15 21 48	+ 6 45	−48 19	−22	5.62	+0.64	G2V	−1.621	−0.275	+.059	− 69	.	.		
5700	15 23 10	+ 8 6	−60 40	−22	5.64	+0.48	F8V	−0.086	−0.027	.	+ 6	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
5701	28 LIB	−17 4312	136366	20618	.	8869			15 15 13	−17 48	345 46	+32 1
5702		+33 2574	136403	20606	.	8866			15 15 28	+32 53	51 36	+57 36
5703	29 o LIB	+15 4083	136407	20628	.	8876			15 15 26	+15 11	20 59	+53 21
5704	γ CIR	−58 5908	136415	20663	.	8891	I		15 15 25	−58 58	321 14	− 1 58
5705	ϕ^1 LUP	−35 10236	136422	20643	3465.	8883	I		15 15 28	−35 54	333 58	+17 24
5706		− 1 3047	136442	20626	3466.	8875			15 15 38	− 2 3	359 32	+43 28
5707		− 5 4057	136479	20636	.	8878	R5450		15 15 51	− 5 28	356 14	+41 4
5708	ϵ LUP	−44 10066	136504	20659	.	8888	I		15 15 53	−44 20	329 13	+10 20
5709	1 o CRB	+30 2647	136512	20619	3469.	8870			15 16 1	+29 59	46 14	+57 20
5710	6 SER	+ 1 3067	136514	20637	3468.	8879	9596		15 15 56	+ 1 5	2 54	+45 28
5711		+25 2902	136643	20649	.	8886			15 16 48	+25 20	37 52	+56 27
5712	ϕ^2 LUP	−36 10103	136664	20676	.	8895			15 16 46	−36 30	333 50	+16 45
5713		−67 2864	136672	20700	.		I	VAR?	15 16 49	−67 57	316 29	− 9 36
5714	11 UMI	+72 678	136726	20598	3472.	8864			15 17 10	+72 11	108 43	+41 3
5715		+52 1869	136729	20641	.	8882			15 17 9	+52 19	84 58	+52 46
5716		+44 2453	136751	20651	.	8887			15 17 15	+44 48	73 1	+55 33
5717	7 SER	+13 2928	136831	20681	.	8896			15 17 39	+12 56	18 6	+51 51
5718	50 BOO	+33 2581	136849	20672	3474.	8894			15 17 48	+33 17	52 21	+57 7
5719	υ LUP	−39 9827	136933	20698	3475.	8912	R5471		15 18 13	−39 21	332 25	+14 14
5720		−11 3940	136956	20695	.	8908			15 18 23	−12 1	351 1	+35 54
5721	8 SER	− 0 2961	137006	20697	.	8910			15 18 34	− 0 40	1 38	+43 50
5722		−37 10225	137015	20708	.		R5478		15 18 39	−37 49	333 23	+15 28
5723	31 ϵ LIB	− 9 4138	137052	20699	3478.	8913			15 18 47	− 9 58	352 50	+37 21
5724		−38 10289	137058	20714	3479.	8917			15 18 51	−38 23	333 5	+14 58
5725		−64 3178	137066	20733	.				15 18 50	−64 11	318 45	− 6 34
5726		+40 2877	137071	20690	.	8906			15 18 55	+39 56	64 26	+56 22
5727	2 η CRB	+30 2653	137107	20696	.	8909	9617A		15 19 4	+30 39	47 33	+56 44
5728	2 η CRB	+30 2653	137108	20696	3480.		9617B		15 19 4	+30 39	47 33	+56 44
5729	ρ OCT	−84 510	137333	20915	.	8978			15 20 12	−84 8	307 1	−23 1
5730	κ^1 APS	−72 1802	137387	20801	.	8942	I		15 20 37	−73 3	313 51	−14 1
5731		+62 1410	137389	20703	.	8914			15 20 45	+62 23	97 58	+47 6
5732		+45 2284	137390	20720	.	8918			15 20 43	+45 37	74 5	+54 44
5733	51 μ^1 BOO	+37 2636	137391	20724	3483.	8919	9626A		15 20 43	+37 44	60 25	+56 19
5734	51 μ^2 BOO	+37 2637	137392	20725	.	8920	9626BC		15 20 44	+37 42	60 21	+56 19
5735	13 γ UMI	+72 679	137422	20692	3484.	8907		VAR?	15 20 53	+72 11	108 28	+40 50
5736		−36 10161	137432	20756	.	8928	I		15 20 54	−36 25	334 36	+16 21
5737		+63 1192	137443	20706	3485.	8915			15 20 58	+63 42	99 29	+46 18
5738		−51 9132	137465	20767	.		I		15 21 9	−51 15	326 8	+ 4 4
5739	9 τ^1 SER	+15 2858	137471	20740	3486.	8921			15 21 9	+15 47	22 52	+52 22
5740		+19 2966	137510	20745	.	8924			15 21 23	+19 50	29 8	+53 53
5741		+34 2645	137704	20761	.	8931			15 22 22	+34 41	54 54	+56 10
5742		−46 10100	137709	20799	3489.	8941			15 22 27	−46 23	329 3	+ 7 59
5743	32 LIB	−16 4089	137744	20782	.	8935			15 22 37	−16 22	348 27	+31 58
5744	12 ι DRA	+59 1654	137759	20747	3490.	8925			15 22 42	+59 19	93 59	+48 38
5745		+25 2916	137853	20786	.	8938			15 23 21	+25 27	38 38	+55 1
5746	10 SER	+ 2 2965	137898	20805	3494.	8944			15 23 35	+ 2 11	5 49	+44 40
5747	3 β CRB	+29 2670	137909	20795	3495.	8940		VAR?	15 23 42	+29 27	45 35	+55 37
5748		+54 1747	137928	20775	.	8934			15 23 49	+54 22	87 12	+50 57
5749		−20 4246	138105	20834	.				15 24 49	−20 23	345 53	+28 35
5750	34 LIB	−16 4099	138137	20842	.	8952			15 25 2	−16 16	349 3	+31 40

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
5701	15 20 53	+ 5 40	−18 10	−22	6.16	+1.02	gG8	−0.011	−0.068	.	+ 3	.	.		
5702	15 19 30	+ 4 2	+32 31	−22	6.14 R	+0.24	A m	−0.018	+0.008	.	− 25V	.	.		R
5703	15 20 6	+ 4 40	+14 49	−22	6.11 H	.	A6n	+0.023	+0.018	.	+ 5	.	.		
5704	15 23 23	+ 7 58	−59 20	−22	4.50	+0.19	B5+F8	−0.014	−0.047	.010D	− 17	.2	1.6		2
5705	15 21 49	+ 6 21	−36 16	−22	3.55	+1.53	K5III	−0.093	−0.096	+.008	− 29	10.2	17.3	3	G
5706	15 20 48	+ 5 10	− 2 25	−22	6.50 H	.	dK0	−0.256	−0.182	+.031	− 41	.	.		
5707	15 21 8	+ 5 17	− 5 50	−22	5.60 H	.	gK1	−0.054	−0.022	.	− 33	7.9	12.5		2
5708	15 22 40	+ 6 47	−44 42	−22	3.36	−0.19	B3IV	−0.022	−0.019	.009D	+ 4V	1.7	1.4	3	*
5709	15 20 9	+ 4 8	+29 37	−22	5.51	+1.02	K0III	−0.124	−0.053	+.003	− 53	.	.		
5710	15 21 1	+ 5 5	+ 0 43	−22	5.34BR	.	K3III	−0.046	−0.112	+.004	+ 9	4.6	2.9		3
5711	15 21 7	+ 4 19	+24 58	−22	6.22 R	.	K0	−0.029	−0.032	.	− 2	.	.		
5712	15 23 9	+ 6 23	−36 52	−22	4.53	−0.16	B5V	−0.022	−0.032	.	− 1	.	.		G
5713	15 26 15	+ 9 26	−68 18	−21	5.88	+1.01	K0III	+0.129	+0.001	.	+ 25	6.5	50.		
5714	15 17 6	− 0 4	+71 49	−22	5.00 R	.	K4III	+0.006	+0.007	+.015	− 16	.	.		
5715	15 20 5	+ 2 56	+51 57	−22	5.59 R	.	A1	+0.010	+0.005	.	+ 8	.	.		
5716	15 20 42	+ 3 27	+44 26	−22	5.81 R	.	F0	+0.023	−0.114	.	− 0	.	.		
5717	15 22 23	+ 4 44	+12 35	−21	6.11 R	−0.03	B9.5V	−0.004	−0.016	.	+ 8	.	.		
5718	15 21 48	+ 4 0	+32 56	−21	5.26 R	−0.06	B9V	−0.055	+0.009	+.002	+ 22V	.	.		6
5719	15 24 45	+ 6 32	−39 42	−21	5.38 H	.	A0si	−0.039	−0.052	+.002	− 8	5.1	1.5		
5720	15 23 52	+ 5 29	−12 22	−21	5.78 H	.	gG6	−0.041	−0.046	.	− 26	.	.		
5721	15 23 43	+ 5 9	− 1 1	−21	6.12	+0.26	F0V	+0.072	−0.036	.	− 2	.	.		G
5722	15 25 7	+ 6 28	−38 10	−21	7.09 H	.	A2	−0.012	−0.034	.		.0	.2		
5723	15 24 12	+ 5 25	−10 20	−22	4.93	+0.45	F5V	−0.071	−0.160	+.030	− 10V	.	.		R
5724	15 25 20	+ 6 29	−38 44	−21	4.60	+0.00	A0IV	−0.054	−0.021	+.006	− 3	.	.		
5725	15 27 33	+ 8 43	−64 32	−21	5.70	+1.64	gK5	−0.029	−0.033	.		.	.		
5726	15 22 37	+ 3 42	+39 35	−21	5.64 R	.	gK4	−0.001	−0.022	.	− 12	.	.		
5727	15 23 12	+ 4 8	+30 17	−22	5.58 H	.	G2V	+0.133	−0.195	.	− 7V	.5	1.4	4	*
5728	15 23 12	+ 4 8	+30 17	−22	6.08 H	.	G2V	+0.133	−0.195	+.063	− 7V	.5	1.4	4	*
5729	15 43 18	+ 23 6	−84 28	−20	5.56	+0.11	A2	+0.148	+0.089	.	− 11	.	.		
5730	15 31 31	+ 10 54	−73 24	−21	5.48	−0.13	B3IV	+0.002	−0.040	.	+ 96V?	5.9	27.0		
5731	15 22 37	+ 1 52	+62 2	−21	5.83 R	−0.07	B9	+0.010	−0.039	.	− 24	.	.		
5732	15 24 5	+ 3 22	+45 16	−21	6.10 R	.	K2	−0.024	−0.008	.	− 10	.	.		
5733	15 24 30	+ 3 47	+37 23	−21	4.30	+0.30	F0V	−0.147	+0.080	+.030	− 10	2.7	108.5	3	D
5734	15 24 31	+ 3 47	+37 21	−21	6.50	+0.59	dG0	−0.146	+0.087	.028D	− 8	2.7	108.5	3	D
5735	15 20 44	− 0 9	+71 50	−21	3.07 R	.	A3II-III	−0.020	+0.016	−.005	− 4V	.	.		R
5736	15 27 18	+ 6 24	−36 46	−21	5.44	−0.15	B5V	−0.013	−0.040	.	+ 7V	8.5	20.		
5737	15 22 38	+ 1 40	+63 21	−21	5.65 R	.	gK4	−0.020	−0.098	+.008	− 46	.	.		
5738	15 28 27	+ 7 18	−51 36	−21	6.16 H	.	gG2	−0.008	+0.000	.		3.0	14.0		
5739	15 25 47	+ 4 38	+15 26	−21	5.24 R	.	M1III	−0.017	−0.018	+.015	− 20	.	.		
5740	15 25 53	+ 4 30	+19 29	−21	6.21 R	.	G0	−0.059	−0.013	.	− 3	.	.		
5741	15 26 17	+ 3 55	+34 20	−21	5.46	+1.40	K4III	−0.108	+0.048	.	− 48	.	.		G
5742	15 29 25	+ 6 58	−46 44	−21	5.23	+1.74	cK	−0.014	−0.015	+.000	− 18	.	.		
5743	15 28 15	+ 5 38	−16 43	−21	5.92 H	.	K5III	+0.014	−0.037	.	− 21	.	.		
5744	15 24 56	+ 2 14	+58 58	−21	3.26	+1.17	K2III	−0.008	+0.009	+.032	− 11	.	.		
5745	15 27 39	+ 4 18	+25 6	−21	6.07 R	.	gM1	−0.005	−0.029	.	− 7	.	.		
5746	15 28 38	+ 5 3	+ 1 50	−21	5.09 R	.	A5	−0.088	−0.045	+.026	− 10	.	.		
5747	15 27 49	+ 4 7	+29 6	−21	3.66	+0.27	F p	−0.181	+0.081	+.031	− 19V	.	.		*
5748	15 26 32	+ 2 43	+54 1	−21	6.12 R	.	A2	+0.046	−0.027	.	− 5	.	.		
5749	15 30 36	+ 5 47	−20 44	−21	6.10 H	.	A2	+0.014	−0.027	.		.	.		
5750	15 30 40	+ 5 38	−16 37	−21	5.86 H	.	gG6	+0.017	−0.006	.	− 2	.	.		

BS = HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
5751		−38 10425	138204	20857	.				15 25 34	−38 17	334 15	+14 18
5752		+47 2227	138213	20825	.	8948			15 25 31	+47 33	76 47	+53 21
5753		−32 10868	138221	20852	.				15 25 35	−32 32	337 48	+18 56
5754		+62 1414	138245	20817	.	8946			15 25 54	+62 37	97 44	+46 29
5755		+61 1509	138265	20819	.	8947			15 25 52	+61 1	95 48	+47 23
5756		−19 4128	138268	20861	.	8962	9681A		15 25 58	−19 49	346 33	+28 50
5757		−77 1134	138289	20948	.				15 26 2	−77 35	311 24	−17 54
5758		+ 9 3055	138290	20850	.	8958			15 26 4	+ 8 55	14 20	+48 2
5759		+55 1756	138338	20833	.	8949			15 26 22	+55 32	88 34	+50 6
5760		+31 2742	138341	20848	.	8955			15 26 20	+31 38	49 31	+55 16
5761		+37 2651	138383	20851	.	8959			15 26 40	+37 9	59 12	+55 11
5762		−19 4135	138413	20878	3505.	8965			15 26 52	−19 20	347 5	+29 4
5763	52 ν^1 BOO	+41 2609	138481	20866	3506.	8963			15 27 20	+41 10	66 7	+54 35
5764	35 ζ LIB	−16 4110	138485	20887	.	8968			15 27 16	−16 31	349 19	+31 7
5765		−24 12155	138488	20893	.		9689A		15 27 14	−24 9	343 41	+25 19
5766		−65 3100	138498	20925	.		R5541		15 27 18	−65 16	318 53	− 7 58
5767		−39 9970	138505	20901	.				15 27 26	−39 43	333 42	+12 55
5768		+62 1416	138524	20849	.	8956			15 27 35	+62 27	97 23	+46 25
5769		+37 2653	138525	20871	.	8964			15 27 34	+36 57	58 50	+55 1
5770	12 τ^2 SER	+16 2797	138527	20880	.	8966			15 27 33	+16 24	24 48	+51 14
5771	ϵ TRA	−65 3102	138538	20932	3507.	8984	I		15 27 34	−65 59	318 29	− 8 34
5772	11 SER	− 0 2982	138562	20896	.	8971			15 27 49	− 0 51	3 29	+41 57
5773		−38 10464	138564	20911	.				15 27 47	−39 0	334 11	+13 28
5774	53 ν^2 BOO	+41 2611	138629	20883	3508.	8967	9688		15 28 12	+41 14	66 11	+54 25
5775	36 LIB	−27 10443	138688	20918	3510.	8979			15 28 33	−27 43	341 30	+22 21
5776	γ LUP	−40 9760	138690	20926	.	8982	I		15 28 29	−40 50	333 11	+11 54
5777	37 LIB	− 9 4171	138716	20914	3511.	8977			15 28 43	− 9 43	355 14	+35 49
5778	4 θ CRB	+31 2750	138749	20908	3512.	8973			15 28 54	+31 42	49 42	+54 43
5779		− 5 4100	138763	20920	.				15 29 4	− 5 21	359 17	+38 46
5780		− 8 4010	138764	20923	.	8981			15 29 2	− 8 51	356 4	+36 22
5781		−44 10239	138769	20943	.	8988	I		15 29 0	−44 37	331 1	+ 8 46
5782	κ^2 APS	−73 1625	138800	21003	.	9017	I		15 29 16	−73 7	314 20	−14 26
5783		+17 2880	138803	20919	.	8980			15 29 19	+17 29	26 40	+51 16
5784		−43 10036	138816	20950	3513.	8993			15 29 21	−44 4	331 24	+ 9 11
5785		+64 1074	138852	20894	3514.	8969			15 29 31	+64 33	99 41	+45 3
5786		−75 1222	138867	21025	.				15 29 37	−75 45	312 43	−16 33
5787	38 γ LIB	−14 4237	138905	20949	3516.	8992	9704		15 29 56	−14 27	351 31	+32 13
5788	13 δ SER	+11 2821	138917	20941	.	8986	9701B		15 30 2	+10 52	17 35	+48 11
5789	13 δ SER	+11 2821	138918	20942	3517.	8987	9701A		15 30 2	+10 52	17 35	+48 11
5790		−32 10930	138923	20954	.			VAR?	15 29 55	−32 45	338 26	+18 12
5791		+ 2 2977	138936	20946	.	8989			15 30 1	+ 2 0	6 59	+43 17
5792		−69 2422	138965	21008	.				15 30 8	−69 54	316 21	−11 53
5793	5 α CRB	+27 2512	139006	20947	3519.	8990		α CRB	15 30 27	+27 3	41 53	+53 47
5794	39 υ LIB	−27 10464	139063	20979	3521.	9005	9705		15 30 57	−27 48	341 53	+21 57
5795	15 τ^3 SER	+18 3044	139074	20962	.	8996			15 31 1	+17 59	27 39	+51 5
5796		+11 2826	139087	20968	.	9000			15 31 8	+11 35	18 43	+48 18
5797	ω LUP	−42 10601	139127	21001	3522.	9016	I		15 31 19	−42 14	332 47	+10 27
5798		−51 9324	139129	21007	3524.	9021			15 31 23	−52 3	326 59	+ 2 30
5799	14 SER	− 0 2988	139137	20980	.	9006			15 31 26	− 0 14	4 53	+41 38
5800	6 μ CRB	+39 2889	139153	20964	3526.	8998			15 31 35	+39 21	62 50	+54 2

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
5751	15 32 5	+ 6 31	−38 38	−21	6.24	+0.20	A3	−0.028	−0.094	.		.	.		
5752	15 28 44	+ 3 13	+47 12	−21	5.96 R	.	A m	−0.017	−0.010	.	− 16V	.	.		R
5753	15 31 50	+ 6 15	−32 53	−21	6.56 H	.	B8	−0.020	−0.040	.		.	.		
5754	15 27 41	+ 1 47	+62 16	−21	6.35 R	.	A0	+0.033	−0.029	.	− 5V	.	.		
5755	15 27 51	+ 1 59	+60 40	−21	5.86 R	.	gK5	−0.019	−0.006	.	− 47	.	.		6
5756	15 31 43	+ 5 45	−20 10	−21	6.20	+0.22	A4	−0.075	−0.036	.	− 40	2.3	11.6		*
5757	15 39 20	+ 13 18	−77 55	−20	6.18	+1.23	K2II	−0.069	−0.134	.	+ 13	.	.		
5758	15 30 55	+ 4 51	+ 8 34	−21	6.39 R	.	F2	+0.037	−0.011	.	− 1	.	.		
5759	15 28 57	+ 2 35	+55 11	−21	6.23 R	.	A2	−0.011	+0.025	.	− 7	.	.		
5760	15 30 23	+ 4 3	+31 17	−21	6.30 R	+0.19	A m	−0.028	−0.019	.	− 4	.	.		
5761	15 30 27	+ 3 47	+36 49	−20	6.31 R	.	K0	−0.061	+0.016	.	+ 2	.	.		
5762	15 32 37	+ 5 45	−19 40	−20	5.46 H	.	A m	−0.023	−0.046	+.012	− 33	.	.		
5763	15 30 56	+ 3 36	+40 50	−20	5.02	+1.59	K5III	+0.010	−0.015	+.020	− 9	.	.		G
5764	15 32 55	+ 5 39	−16 51	−20	5.50	−0.15	B2Vnn	−0.013	−0.021	.	+ 11V	.	.		6
5765	15 33 9	+ 5 55	−24 29	−20	7.02 H	.	A3	−0.030	−0.032	.		.4	9.2	3	D
5766	15 36 17	+ 8 59	−65 36	−20	6.50	+0.36	F0	−0.088	−0.070	.		7.0	4.5		
5767	15 34 2	+ 6 36	−40 3	−20	5.94 H	.	gM2	−0.055	−0.030	.		.	.		
5768	15 29 21	+ 1 46	+62 6	−21	6.34 R	.	K5	−0.024	−0.005	.	− 40	.	.		
5769	15 31 22	+ 3 48	+36 37	−20	6.23 R	.	F5	+0.004	−0.039	.	− 50	.	.		
5770	15 32 9	+ 4 36	+16 4	−20	6.13 R	−0.05	B8V	−0.001	+0.000	.	− 8	.	.		
5771	15 36 43	+ 9 9	−66 19	−20	4.10	+1.16	K0III	+0.029	−0.074	+.030	− 16V?	4.7	83.2		D
5772	15 32 58	+ 5 9	− 1 11	−20	5.76 H	.	gG9	−0.013	−0.042	.	− 16	.	.		
5773	15 34 21	+ 6 34	−39 20	−20	6.46 H	.	B9	−0.029	−0.052	.		.	.		
5774	15 31 47	+ 3 35	+40 54	−20	4.94BR	.	A3	−0.020	−0.016	+.016	− 16	.0	.1		2
5775	15 34 37	+ 6 4	−28 3	−20	5.19 H	.	gK4	+0.012	−0.041	+.004	+ 12V	.	.		6
5776	15 35 9	+ 6 40	−41 10	−20	2.77	−0.22	B2Vn	−0.016	−0.033	.008D	+ 6V	.3	.1		D
5777	15 34 11	+ 5 28	−10 4	−21	4.62	+1.01	K1IV	+0.301	−0.242	+.024	+ 48	.	.		G
5778	15 32 56	+ 4 2	+31 22	−20	4.22	−0.12	B7nn	−0.026	−0.022	+.020	− 25	.	.		
5779	15 34 21	+ 5 17	− 5 41	−20	6.46 H	.	G0	−0.096	+0.009	.		.	.		
5780	15 34 26	+ 5 24	− 9 11	−20	5.18	−0.08	B7IV?	−0.021	−0.030	.	− 5V	.	.		G
5781	15 35 53	+ 6 53	−44 57	−20	4.54	−0.19	B5IV	−0.028	−0.037	.014D	+ 8V	2.7	3.1		2
5782	15 40 22	+ 11 6	−73 27	−20	5.64	−0.04	B8IV	−0.015	−0.032	.	− 19	6.7	15.	3	
5783	15 33 53	+ 4 34	+17 9	−20	6.40 R	.	F0	−0.046	−0.047	.	− 21	.	.		
5784	15 36 12	+ 6 51	−44 24	−20	5.42	+1.50	K5III	−0.059	−0.053	+.011	− 19	.	.		
5785	15 30 55	+ 1 24	+64 13	−20	5.74 R	.	gG5	−0.113	+0.074	+.002	+ 10	.	.		
5786	15 41 55	+ 12 18	−76 5	−20	5.94	−0.04	A0	−0.005	−0.037	.		.	.		
5787	15 35 32	+ 5 36	−14 47	−20	3.90	+1.00	G8III-IV	+0.064	−0.002	+.033	− 28	7.2	41.9		1
5788	15 34 49	+ 4 47	+10 32	−20	5.16 H	.	dF0	−0.077	−0.012	.	− 38V?	1.0	3.9	4	D
5789	15 34 49	+ 4 47	+10 32	−20	4.23 H	.	F0IV	−0.077	+0.005	+.015	− 42V	1.0	3.9	4	D
5790	15 36 12	+ 6 17	−33 5	−20	6.29 H	.	B9	−0.018	−0.024	.		.0	.1		
5791	15 35 4	+ 5 3	+ 1 40	−20	6.55 R	.	A3	−0.078	−0.040	.	− 20	.	.		
5792	15 40 12	+ 10 4	−70 14	−20	6.43	+0.08	A2	−0.036	−0.050	.		.	.		
5793	15 34 41	+ 4 14	+26 43	−20	2.23	−0.02	A0V	+0.119	−0.098	+.043	+ 2V	.	.		*
5794	15 37 1	+ 6 4	−28 8	−20	3.60	+1.38	K5III	−0.008	−0.006	+.037	− 25	8.0	3.3		
5795	15 35 33	+ 4 32	+17 39	−20	5.96 R	.	gG8	−0.080	−0.022	.	− 22	.	.		
5796	15 35 53	+ 4 45	+11 15	−20	6.00 R	.	gK0	−0.043	−0.019	.	− 26	.	.		
5797	15 38 3	+ 6 44	−42 34	−20	4.32	+1.41	M0III	−0.146	+0.055	+.010	− 7V?	6.5	12.0		*
5798	15 38 49	+ 7 26	−52 23	−20	5.43	+0.00	B9V	−0.044	−0.036	+.009	− 12	.	.		
5799	15 36 34	+ 5 8	− 0 34	−20	6.51 H	.	dF5	−0.030	−0.027	.	− 23V	.	.		6
5800	15 35 15	+ 3 40	+39 1	−20	5.22 R	.	gM2	+0.026	−0.002	+.005	− 19	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
5801		−25 11000	139160	20993	.				15 31 28	−25 57	343 15	+23 19
5802	16 SER	+10 2884	139195	20981	3527.	9007			15 31 41	+10 21	17 13	+47 35
5803		−59 6206	139211	21027	3529.				15 31 46	−59 34	322 38	− 3 38
5804	18 τ^5 SER	+16 2807	139225	20985	.	9010			15 31 53	+16 27	25 33	+50 18
5805		−38 10532	139233	21012	.				15 31 58	−38 50	334 58	+13 7
5806		−22 3989	139254	21005	.	9019			15 31 55	−22 49	345 33	+25 39
5807		−38 10536	139271	21015	.		I		15 32 7	−38 48	335 0	+13 7
5808		+38 2678	139284	20978	.	9004			15 32 7	+38 42	61 43	+54 0
5809		−27 10478	139290	21011	.				15 32 11	−27 53	342 3	+21 43
5810		−20 4285	139329	21014	.				15 32 27	−20 41	347 12	+27 11
5811		+54 1756	139357	20977	.	9003			15 32 37	+54 16	86 11	+49 51
5812	40 τ LIB	−29 11837	139365	21019	.	9023			15 32 31	−29 27	341 4	+20 27
5813		+30 2682	139389	21004	.	9018			15 32 48	+30 19	47 28	+53 46
5814	41 LIB	−18 4118	139446	21031	.	9029		VAR?	15 33 9	−18 58	348 38	+28 22
5815		− 8 4031	139460	21029	.	9027	9728B		15 33 16	− 8 28	357 19	+35 53
5816		− 8 4032	139461	21030	.	9028	9728A		15 33 16	− 8 28	357 19	+35 53
5817		+52 1886	139478	21000	.	9015			15 33 16	+52 24	83 27	+50 30
5818		+55 1766	139493	20999	.	9014		VAR?	15 33 23	+54 58	87 6	+49 27
5819		−22 3996	139518	21039	.				15 33 28	−22 49	345 51	+25 25
5820	3 ψ^1 LUP	−33 10631	139521	21042	3533.	9036			15 33 25	−34 5	338 11	+16 42
5821		−47 10210	139599	21062	.		I		15 33 52	−47 25	330 3	+ 6 1
5822		−30 12431	139613	21055	.				15 34 3	−30 53	340 23	+19 8
5823	54 ϕ BOO	+40 2907	139641	21032	3535.	9030			15 34 14	+40 41	64 58	+53 22
5824	42 LIB	−23 12458	139663	21057	3538.	9042			15 34 22	−23 30	345 31	+24 46
5825		−44 10310	139664	21070	3536.	9046			15 34 19	−44 20	331 58	+ 8 27
5826	15 θ UMI	+77 592	139669	20952	3537.	8994			15 34 23	+77 41	112 51	+36 27
5827		+35 2711	139761	21048	.	9039			15 34 57	+35 0	55 25	+53 35
5828		+54 1758	139778	21036	.	9032			15 34 58	+54 51	86 47	+49 17
5829	UMI	+80 480	139777	20929	3540.	8983	9696A		15 34 59	+80 47	115 36	+34 18
5830		+47 2253	139798	21044	3541.	9037			15 35 4	+47 8	75 21	+51 56
5831		+12 2875	139862	21073	.	9048	9740		15 35 27	+12 23	20 32	+47 45
5832		−49 9909	139871	21092	.				15 35 23	−49 10	329 12	+ 4 27
5833	7 ζ^1 CRB	+37 2665	139891	21063	.	9043	9737B		15 35 37	+36 58	58 43	+53 25
5834	7 ζ^2 CRB	+37 2665	139892	21064	3542.	9044	9737A		15 35 37	+36 58	58 43	+53 25
5835		+50 2206	139906	21054	.	9040			15 35 39	+50 45	80 49	+50 44
5836		−59 6257	139915	21113	.				15 35 37	−59 58	322 47	− 4 14
5837		−37 10441	139980	21103	3545.	9060			15 36 8	−37 6	336 43	+13 59
5838	43 κ LIB	−19 4188	139997	21094	3546.	9055		VAR?	15 36 11	−19 21	348 57	+27 36
5839	4 ψ^2 LUP	−34 10494	140008	21106	.	9063			15 36 19	−34 23	338 29	+16 6
5840	19 τ^6 SER	+16 2816	140027	21089	.	9054			15 36 23	+16 21	26 4	+49 16
5841		+58 1583	140117	21076	.	9051			15 36 57	+58 14	91 12	+47 34
5842	21 ι SER	+20 3138	140159	21102	3548.	9059	9744		15 37 5	+20 0	31 26	+50 28
5843	20 χ SER	+13 2982	140160	21105	3549.	9061		χ SER	15 37 5	+13 10	21 50	+47 46
5844		+69 806	140227	21065	.	9045			15 37 23	+69 36	104 41	+41 28
5845	22 τ^7 SER	+18 3059	140232	21111	3550.	9065			15 37 25	+18 47	29 41	+49 58
5846		−41 10245	140285	21138	.		IA		15 37 38	−41 30	334 11	+10 20
5847		−14 4266	140301	21129	.	9070			15 37 48	−14 43	352 55	+30 42
5848	44 η LIB	−15 4171	140417	21146	.				15 38 27	−15 21	352 32	+30 8
5849	8 γ CRB	+26 2722	140436	21130	3554.	9071	9757	VAR?	15 38 33	+26 37	41 45	+51 56
5850		+14 2922	140438	21132	.	9073	9758		15 38 30	+13 59	23 9	+47 49

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
5801	15 37 28	+ 6 0	−26 17	−20	6.18	−0.01	B8V	−0.011	−0.031	.	+ 12V	.	.		G
5802	15 36 29	+ 4 48	+10 1	−20	5.26 R	.	K0p	+0.041	−0.136	+.030	+ 8V	.	.		
5803	15 39 57	+ 8 11	−59 54	−20	5.94	+0.48	dF8	−0.125	−0.225	+.023		.	.		
5804	15 36 29	+ 4 36	+16 7	−20	5.85 R	.	A6n	+0.073	−0.016	.	− 2	.	.		
5805	15 38 32	+ 6 34	−39 10	−20	6.62 H	.	B9	−0.033	−0.027	.	+ 5	.	.		
5806	15 37 48	+ 5 53	−23 9	−20	5.82 H	.	gK0	−0.023	−0.088	.	+ 7	.	.		
5807	15 38 42	+ 6 35	−39 8	−20	6.02 H	.	A3	+0.022	−0.013	.		8.0	10.9		
5808	15 35 49	+ 3 42	+38 22	−20	6.36 R	.	K2	+0.026	−0.014	.	+ 3	.	.		
5809	15 38 16	+ 6 5	−28 13	−20	6.33 H	.	gK1	+0.001	−0.034	.		.	.		
5810	15 38 16	+ 5 49	−21 1	−20	5.94 H	.	gG9	+0.067	−0.068	.		.	.		
5811	15 35 16	+ 2 39	+53 56	−20	5.89 R	.	gK4	−0.013	−0.011	.	− 10	.	.		
5812	15 38 40	+ 6 9	−29 47	−20	3.66	−0.17	B2.5V	−0.017	−0.038	.	+ 1V	.	.		G
5813	15 36 53	+ 4 5	+29 59	−20	6.45 R	.	F5	+0.083	−0.068	.	− 13	.	.		
5814	15 38 54	+ 5 45	−19 18	−20	5.38	+0.86	G8III	+0.084	−0.084	.	+ 47	.	.		
5815	15 38 40	+ 5 24	− 8 48	−20	6.61 H	.	dF6	+0.018	−0.021	.011D	+ 4	.1	13.2		D
5816	15 38 40	+ 5 24	− 8 48	−20	6.54 H	.	dF6	+0.024	−0.025	.011D	+ 0V	.1	13.2		*
5817	15 36 4	+ 2 48	+52 4	−20	6.50 R	.	dA8	−0.023	+0.075	.	− 16	.	.		
5818	15 35 57	+ 2 34	+54 38	−20	5.70 R	.	A0	−0.037	−0.017	.	− 19	.	.		
5819	15 39 21	+ 5 53	−23 9	−20	6.21 H	.	A0	−0.037	−0.037	.		.	.		
5820	15 39 46	+ 6 21	−34 25	−20	4.66	+0.99	gG8	+0.012	−0.008	+.022	− 23	.	.		
5821	15 40 58	+ 7 6	−47 45	−20	6.26 H	.	K5	−0.030	−0.030	.		5.2	18.0		
5822	15 40 15	+ 6 12	−31 13	−20	6.49 H	.	K2	−0.063	−0.028	.		.	.		
5823	15 37 49	+ 3 35	+40 21	−20	5.27 R	.	G8III-IV	+0.059	+0.053	+.019	− 10	.	.		
5824	15 40 17	+ 5 55	−23 50	−20	5.06 H	.	gK4	−0.021	−0.024	+.042	− 22	.	.		
5825	15 41 11	+ 6 52	−44 40	−20	4.62	+0.40	F5IV-V	−0.180	−0.268	+.053	− 7	.	.		
5826	15 31 25	− 2 58	+77 21	−20	5.14 R	.	K5III	−0.048	+0.007	+.019	− 25	.	.		
5827	15 38 49	+ 3 52	+34 40	−20	6.05 R	.	K0	+0.000	−0.024	.	+ 4	.	.		
5828	15 37 32	+ 2 34	+54 31	−20	5.84 R	.	gK1	−0.039	−0.022	.	− 23	.	.		
5829	15 29 11	− 5 48	+80 27	−20	6.58	+0.67	G0IV-V	−0.227	+0.113	+.028	− 14	.9	31.6		D
5830	15 38 16	+ 3 12	+46 48	−20	5.75	+0.36	F2V	+0.085	−0.133	+.009	− 2	.	.		G
5831	15 40 11	+ 4 44	+12 4	−19	6.20 R	.	G8II-III	−0.010	−0.015	.	− 21	3.1	15.3		D
5832	15 42 37	+ 7 14	−49 29	−19	6.06 H	.	K0	−0.020	−0.032	.		.	.		
5833	15 39 23	+ 3 46	+36 39	−19	6.00 H	−0.12	B6V	−0.017	−0.021	.	− 19	.9	6.3		D
5834	15 39 23	+ 3 46	+36 39	−19	5.07 H	.	B7V	−0.016	−0.014	+.015	− 24V	.9	6.3		*
5835	15 38 34	+ 2 55	+50 25	−20	5.79 R	.	G5	+0.004	−0.045	.	− 14	.	.		
5836	15 43 55	+ 8 18	−60 17	−19	6.46	+1.05	gF8	−0.015	−0.012	.		.	.		
5837	15 42 38	+ 6 30	−37 25	−19	5.31 H	.	gK0	−0.051	−0.023	+.003	− 16	.	.		
5838	15 41 57	+ 5 46	−19 40	−19	4.72	+1.58	K5III	−0.040	−0.113	+.032	− 4V	.	.		6
5839	15 42 41	+ 6 22	−34 42	−19	4.74	−0.15	B6V	−0.023	−0.036	.	+ 8V	.	.		*
5840	15 40 59	+ 4 36	+16 2	−19	6.01	+0.90	G5III	+0.026	−0.022	.	+ 3	.	.		G
5841	15 39 10	+ 2 13	+57 55	−19	6.33 R	.	K0	−0.006	+0.005	.	− 8	.	.		
5842	15 41 32	+ 4 27	+19 41	−19	4.52	+0.04	A1V	−0.061	−0.054	+.005	− 17V	.0	.3	4	*
5843	15 41 47	+ 4 42	+12 51	−19	5.33	+0.04	A p	+0.038	−0.020	+.030	+ 2V	.	.		G
5844	15 37 40	+ 0 17	+69 17	−19	5.70 R	.	gM0	−0.051	+0.047	.	− 29	.	.		6
5845	15 41 55	+ 4 30	+18 28	−19	5.72 R	.	A2	−0.074	+0.045	+.020	− 30	.	.		G
5846	15 44 23	+ 6 45	−41 49	−19	5.93	+0.00	A0	−0.030	−0.052	.		1.4	4.2		D
5847	15 43 24	+ 5 36	−15 2	−19	6.44 H	.	sgK0	−0.007	−0.103	.	+ 21	.	.		
5848	15 44 5	+ 5 38	−15 40	−19	5.40	+0.23	A5m	−0.036	−0.070	.	− 31	.	.		
5849	15 42 45	+ 4 12	+26 18	−19	3.84 R	+0.03	A0IV	−0.106	+0.038	+.026	− 11V	3.0	1.0		*
5850	15 43 10	+ 4 40	+13 40	−19	6.33 R	.	G8III-IV	−0.013	−0.040	.002D	− 10	.5	.6		2

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
5851		−65 3139	140483	21184	.		IA		15 38 46	−65 8	319 56	− 8 34
5852		−65 3139	140484	21184	.		IB		15 38 46	−65 8	319 56	− 8 34
5853	23 ψ SER	+ 2 2989	140538	21155	3556.	9078	9763		15 39 0	+ 2 50	9 42	+41 59
5854	24 α SER	+ 6 3088	140573	21158	3557.	9079	9765		15 39 21	+ 6 44	14 11	+44 5
5855	9 π CRB	+32 2621	140716	21161	.	9080			15 40 3	+32 50	51 53	+52 27
5856		−27 10550	140722	21182	.		9775		15 40 8	−27 45	343 36	+20 42
5857		+52 1898	140728	21154	3565.	9077			15 40 8	+52 41	83 16	+49 25
5858	26 τ^8 SER	+17 2906	140729	21164	.	9084			15 40 10	+17 35	28 21	+48 55
5859		+ 5 3072	140775	21177	.	9088			15 40 27	+ 5 46	13 16	+43 20
5860		−34 10524	140784	21188	.	9093	I	VAR?	15 40 21	−34 22	339 10	+15 35
5861		+ 1 3125	140815	21181	.	9090			15 40 34	+ 1 12	8 15	+40 42
5862		−39 10157	140861	21202	.				15 40 46	−39 53	335 41	+11 14
5863	25 SER	− 1 3092	140873	21187	.	9091			15 40 55	− 1 29	5 32	+39 0
5864		−37 10500	140901	21205	3567.	9097	I		15 40 59	−37 36	337 10	+13 0
5865		−52 8912	140979	21227	.				15 41 19	−52 8	328 10	+ 1 32
5866		− 5 4161	140986	21203	.				15 41 27	− 5 49	1 25	+36 9
5867	28 β SER	+15 2911	141003	21194	3569.	9094	9778		15 41 34	+15 44	25 59	+47 53
5868	27 λ SER	+ 7 3023	141004	21201	3570.	9096		VAR?	15 41 35	+ 7 40	15 42	+44 7
5869		−52 8944	141168	21250	.	9111	I		15 42 32	−52 54	327 50	+ 0 48
5870	31 υ SER	+14 2939	141187	21224	.	9100			15 42 39	+14 25	24 22	+47 6
5871		−48 10349	141194	21252	.				15 42 43	−48 37	330 30	+ 4 10
5872		−45 10251	141296	21263	.		R5653		15 43 16	−45 6	332 46	+ 6 52
5873		−54 6711	141318	21273	.	9121	I		15 43 20	−54 45	326 47	+ 0 43
5874		+14 2940	141353	21245	.	9107			15 43 34	+14 6	24 6	+46 46
5875		− 3 3829	141378	21251	.	9112			15 43 42	− 3 31	4 4	+37 11
5876		−64 3286	141413	21289	.				15 43 48	−64 51	320 32	− 8 41
5877		+32 2631	141456	21247	.	9109			15 44 4	+32 2	50 42	+51 32
5878		+55 1777	141472	21233	.	9103			15 44 12	+55 47	87 17	+47 43
5879	35 κ SER	+18 3074	141477	21255	3577.	9114			15 44 14	+18 27	30 6	+48 20
5880	R CRB	+28 2477	141527	21257	3581.	9116		R CRB	15 44 27	+28 28	45 4	+50 59
5881	32 μ SER	− 2 4052	141513	21269	3580.	9118			15 44 24	− 3 7	4 36	+37 18
5882		−46 10430	141544	21284	.				15 44 25	−46 45	331 53	+ 5 27
5883	5 χ LUP	−33 10754	141556	21281	.	9127			15 44 36	−33 19	340 34	+15 50
5884		−62 4990	141585	21308	.				15 44 40	−62 18	322 14	− 6 45
5885	1 SCO	−25 11131	141637	21285	.	9129			15 44 58	−25 27	346 6	+21 43
5886		+63 1225	141653	21246	3583.	9108			15 45 8	+62 55	96 27	+44 27
5887		+55 1779	141675	21253	.	9113	9793		15 45 13	+55 41	87 4	+47 37
5888	34 ω SER	+ 2 3007	141680	21280	3584.	9126			15 45 15	+ 2 30	10 32	+40 31
5889	10 δ CRB	+26 2737	141714	21276	3585.	9124			15 45 24	+26 22	41 52	+50 23
5890		−50 9939	141724	21314	.				15 45 28	−50 19	329 48	+ 2 33
5891	κ TRA	−68 2585	141767	21328	3586.	9145			15 45 36	−68 18	318 28	−11 28
5892	37 ϵ SER	+ 4 3069	141795	21288	3587.	9131			15 45 50	+ 4 47	13 9	+41 40
5893		−29 12030	141832	21313	.		9813		15 46 2	−29 35	343 22	+18 28
5894	R SER	+15 2918	141850	21292	.	9132		R SER	15 46 5	+15 26	26 14	+46 46
5895	36 SER	− 2 4058	141851	21301	3588.	9134			15 46 3	− 2 47	5 15	+37 11
5896		−13 4269	141853	21305	.	9135			15 46 3	−13 50	355 16	+29 54
5897	β TRA	−63 3723	141891	21332	3589.	9149			15 46 20	−63 7	321 51	− 7 30
5898		−60 6191	141913	21330	.	9147	I		15 46 25	−60 27	323 33	− 5 26
5899	38 ρ SER	+21 2829	141992	21311	3590.	9137			15 46 52	+21 17	34 27	+48 43
5900		−59 6428	142049	21350	.		I	VAR?	15 47 9	−59 53	323 59	− 5 3

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
5851	15 47 54	+ 9 8	−65 27	−19	6.48 H	.	A5	−0.001	−0.049	.		.2	2.8		D
5852	15 47 54	+ 9 8	−65 27	−19	6.52 H	.	A5	−0.001	−0.049	.		.2	2.8		D
5853	15 44 2	+ 5 2	+ 2 31	−19	5.74BR	.	dG5	−0.084	−0.157	+.046	+ 14	6.2	3.7		*
5854	15 44 17	+ 4 56	+ 6 25	−19	2.65	+1.17	K2III	+0.134	+0.039	+.046	+ 3	9.0	61.5	3	D
5855	15 43 59	+ 3 56	+32 31	−19	5.43 R	.	gG9	−0.035	−0.019	.	− 4	.	.		
5856	15 46 13	+ 6 5	−28 4	−19	6.49	+0.34	A5	−0.069	−0.034	.		.0	.9	3	D
5857	15 42 51	+ 2 43	+52 22	−19	5.39 R	.	A si	−0.064	+0.025	+.007	− 16V?	.	.		
5858	15 44 43	+ 4 33	+17 16	−19	5.91 R	+0.00	A0V	−0.029	−0.008	.	− 6V	.	.		6
5859	15 45 24	+ 4 57	+ 5 27	−19	5.57	+0.04	A0V	+0.024	−0.021	.	− 10	.	.		G
5860	15 46 44	+ 6 23	−34 41	−19	5.60	−0.12	B6Vn	−0.023	−0.035	.	− 5	.3	.1		7
5861	15 45 40	+ 5 6	+ 0 53	−19	6.33 R	.	K0	+0.039	+0.002	.	+ 14	.	.		
5862	15 47 25	+ 6 39	−40 12	−19	6.45 H	.	G5III	−0.177	−0.041	.	− 28	.	.		
5863	15 46 5	+ 5 10	− 1 48	−19	5.37 H	−0.04	B8	−0.030	−0.043	.	− 12V	.	.		R
5864	15 47 29	+ 6 30	−37 55	−19	6.00	+0.72	G6V	−0.432	−0.220	+.069	− 4	7.4	15.2		3
5865	15 48 50	+ 7 31	−52 27	−19	6.04 H	.	K0	−0.009	−0.007	.		4.6	1.2		
5866	15 46 46	+ 5 19	− 6 8	−19	6.36 H	.	K0	−0.003	+0.016	.		.	.		
5867	15 46 11	+ 4 37	+15 25	−19	3.67	+0.06	A2IV	+0.066	−0.055	+.034	− 1	6.2	32.3	4	*
5868	15 46 26	+ 4 51	+ 7 21	−19	4.43	+0.60	G0V	−0.226	−0.072	+.091	− 66	.	.		
5869	15 50 7	+ 7 35	−53 12	−18	5.76	−0.08	B8V	−0.050	−0.036	.	+ 21V?	5.3	33.0		
5870	15 47 18	+ 4 39	+14 6	−19	5.70 R	+0.09	A2V	−0.063	+0.031	.	− 34	.	.		G
5871	15 49 57	+ 7 14	−48 55	−18	5.83	+0.07	A2	−0.036	−0.006	.		.	.		
5872	15 50 16	+ 7 0	−45 24	−18	6.10	+0.32	A m?	+0.041	−0.044	.		4.8	2.7	3	
5873	15 51 6	+ 7 46	−55 3	−18	5.72	+0.02	B2III	−0.001	−0.020	.	− 3	2.8	23.0		D
5874	15 48 14	+ 4 40	+13 47	−19	5.98 R	.	gK2	−0.009	−0.124	.	− 54	.	.		
5875	15 48 56	+ 5 14	− 3 49	−18	5.61 H	.	A m	−0.036	+0.003	.	− 16	.	.		
5876	15 52 57	+ 9 9	−65 9	−18	6.53	+0.19	A3	+0.039	+0.000	.		.	.		
5877	15 48 2	+ 3 58	+31 43	−19	6.38 R	.	K5	+0.028	−0.050	.	− 20	.	.		
5878	15 46 35	+ 2 23	+55 29	−18	5.76 R	.	gK3	−0.124	+0.070	.	− 4	.	.		
5879	15 48 44	+ 4 30	+18 8	−19	4.11 R	.	gM1	−0.048	−0.095	+.019	− 39	.	.		
5880	15 48 34	+ 4 7	+28 10	−18	5.8 H	.	F pep	−0.005	−0.022	+.040	+ 25	.	.		
5881	15 49 37	+ 5 13	− 3 25	−18	3.55	−0.05	A0V	−0.088	−0.029	+.001	− 9V?	.	.		6
5882	15 51 31	+ 7 6	−47 3	−18	6.00	+1.16	K0	−0.116	−0.035	.	V	.	.		
5883	15 50 57	+ 6 21	−33 37	−18	3.94	−0.05	A p	−0.014	−0.036	.	− 18V	.	.		R
5884	15 53 23	+ 8 43	−62 36	−18	6.18	+1.48	K0	−0.008	−0.030	.		.	.		
5885	15 50 59	+ 6 1	−25 45	−18	4.62	−0.04	B2.5Vn	−0.019	−0.032	.	− 10V	.	.		G
5886	15 46 39	+ 1 31	+62 36	−19	5.16 R	.	A2	+0.037	−0.061	+.013	− 6V	.	.		*
5887	15 47 38	+ 2 25	+55 23	−18	5.68BR	.	A m	+0.010	+0.003	.013D	− 2	5.7	1.9		D
5888	15 50 18	+ 5 3	+ 2 12	−18	5.23	+1.02	G8III	+0.027	−0.056	+.025	− 4	.	.		G
5889	15 49 36	+ 4 12	+26 4	−18	4.64 R	.	G5III-IV	−0.079	−0.075	+.012	− 19	.	.		
5890	15 52 52	+ 7 24	−50 37	−18	6.42 H	.	K2	+0.012	+0.006	.		.	.		
5891	15 55 29	+ 9 53	−68 36	−18	5.08	+1.13	cG6	−0.009	−0.017	+.001	+ 5	.	.		
5892	15 50 49	+ 4 59	+ 4 29	−18	3.73 R	.	A m	+0.124	+0.057	+.035	− 9	.	.		
5893	15 52 12	+ 6 10	−29 53	−18	6.43 H	.	K1III	−0.137	−0.096	.	− 16	6.5	29.3	3	
5894	15 50 42	+ 4 37	+15 8	−18	5.6 H	.	gM7e	−0.007	−0.049	.	+ 24	.	.		
5895	15 51 15	+ 5 12	− 3 5	−18	5.16 H	.	A2	−0.090	−0.032	+.008	− 8	.	.		
5896	15 51 38	+ 5 35	−14 8	−18	6.25 H	.	gG5	−0.029	−0.012	.	− 22	.	.		
5897	15 55 9	+ 8 49	−63 26	−19	2.84	+0.30	F2IV	−0.192	−0.404	+.078	− 0	.	.		
5898	15 54 53	+ 8 28	−60 45	−18	6.14	+0.10	B8	−0.007	−0.004	.	− 5	1.8	1.4	4	D
5899	15 51 15	+ 4 23	+20 59	−18	4.75 R	.	K5III	−0.055	+0.011	+.012	− 62	.	.		
5900	15 55 32	+ 8 23	−60 11	−18	5.76	+0.35	A m	−0.050	−0.081	.028D		3.7	4.0		D

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
5901	11 κ CRB	+36 2652	142091	21319	3592.	9139			15 47 28	+35 58	57 2	+51 3
5902	45 λ LIB	−19 4249	142096	21327	.	9144			15 47 32	−19 52	350 43	+25 23
5903	16 ζ UMI	+78 527	142105	21243	3593.	9106		VAR?	15 47 37	+78 6	112 41	+35 39
5904	2 SCO	−24 12352	142114	21329	.	9146	9823		15 47 36	−25 2	346 52	+21 37
5905		−60 6208	142139	21359	.				15 47 40	−60 11	323 51	− 5 20
5906		−24 12354	142165	21339	.	9152			15 47 55	−24 14	347 31	+22 10
5907		−23 12569	142184	21341	.	9154			15 47 59	−23 41	347 56	+22 33
5908	46 θ LIB	−16 4174	142198	21342	3594.	9155			15 48 8	−16 26	353 32	+27 44
5909		+17 2926	142244	21331	.	9148			15 48 25	+17 43	29 38	+47 9
5910		−26 11096	142250	21352	.				15 48 25	−27 3	345 34	+20 0
5911	39 SER	+13 3024	142267	21337	3595.	9151			15 48 33	+13 31	24 6	+45 25
5912	3 SCO	−24 12365	142301	21355	.				15 48 39	−24 57	347 7	+21 31
5913		+16 2840	142357	21348	.	9158	9828		15 49 0	+16 23	27 55	+46 31
5914	1 χ HER	+42 2648	142373	21340	3596.	9153			15 49 13	+42 44	67 41	+50 20
5915	47 LIB	−18 4195	142378	21364	.	9159	9834		15 49 14	−19 5	351 39	+25 40
5916		−30 12663	142407	21369	.				15 49 15	−30 47	343 5	+17 6
5917	4 SCO	−25 11190	142445	21371	.				15 49 27	−25 58	346 31	+20 39
5918		−39 10237	142448	21377	.		I		15 49 25	−39 34	337 12	+10 26
5919	40 SER	+ 9 3116	142500	21367	.	9160			15 49 50	+ 8 52	18 34	+42 58
5920		−64 3320	142514	21414	.		I		15 49 48	−64 45	321 6	− 9 0
5921		−47 10456	142529	21392	.				15 49 51	−47 52	331 54	+ 4 0
5922		+56 1838	142531	21345	.	9156			15 49 57	+56 7	87 17	+46 51
5923		−31 12407	142542	21386	.				15 49 56	−31 30	342 42	+16 28
5924		+20 3166	142574	21368	3599.	9161			15 50 10	+20 36	33 51	+47 46
5925	ξ¹ LUP	−33 10826	142629	21395	3600.	9173	IA		15 50 30	−33 40	341 18	+14 46
5926	ξ² LUP	−33 10826	142630	21396	.	9174	IB		15 50 30	−33 40	341 18	+14 46
5927		−13 4290	142640	21391	.	9170			15 50 38	−14 6	355 55	+28 55
5928	5 ρ SCO	−28 11714	142669	21398	.	9175	9846		15 50 43	−28 55	344 38	+18 17
5929		−35 10611	142691	21405	.		I		15 50 51	−35 54	339 51	+13 2
5930		−14 4314	142703	21397	.				15 50 56	−14 32	355 37	+28 34
5931		+19 3036	142763	21390	.				15 51 11	+18 55	31 37	+46 58
5932	2 HER	+43 2542	142780	21382	3603.	9163			15 51 18	+43 26	68 41	+49 52
5933	41 γ SER	+16 2849	142860	21408	3604.	9179			15 51 50	+15 59	27 46	+45 44
5934		−20 4364	142883	21420	.				15 51 50	−20 41	350 53	+24 6
5935		−37 10620	142889	21435	.				15 51 56	−37 13	339 8	+11 54
5936	12 λ CRB	+38 2712	142908	21402	3605.	9177			15 52 9	+38 14	60 36	+50 6
5937		−53 6911	142919	21450	.	9191			15 52 10	−53 44	328 26	+ 0 45
5938	4 HER	+42 2652	142926	21400	.	9176			15 52 9	+42 51	67 46	+49 47
5939	S TRA	−63 3765	142941	21470	.	9196		S TRA	15 52 12	−63 30	322 7	− 8 13
5940	φ SER	+14 2969	142980	21428	.	9184			15 52 38	+14 42	26 13	+45 2
5941	48 LIB	−13 4302	142983	21439	.	9185		VAR?	15 52 35	−13 59	356 23	+28 39
5942		−24 12427	142990	21442	.	9188			15 52 35	−24 33	348 7	+21 12
5943		−41 10478	143009	21451	3609.	9192			15 52 42	−41 27	336 26	+ 8 35
5944	6 π SCO	−25 11228	143018	21447	3611.	9190	9862	VAR?	15 52 48	−25 50	347 12	+20 14
5945		−40 10113	143084	21465	.			VAR?	15 53 12	−40 22	337 14	+ 9 21
5946		−54 6922	143101	21488	.				15 53 19	−54 17	328 12	− 1 17
5947	13 ε CRB	+27 2558	143107	21440	3612.	9186	9859		15 53 27	+27 10	43 40	+48 47
5948	η LUP	−38 10797	143118	21478	.	9197	IA		15 53 30	−38 7	338 46	+11 1
5949		+59 1691	143187	21424	.	9183			15 53 53	+59 12	91 5	+45 10
5950		+40 2948	143209	21445	.	9189			15 53 59	+39 59	63 18	+49 41

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
5901	15 51 14	+ 3 46	+35 39	−19	4.63 R		K0III-IV	−0.012	−0.356	+.036	− 24	.	.		
5902	15 53 20	+ 5 48	−20 10	−18	5.02	−0.02	B3V	−0.013	−0.031	.	− 4V	.	.		G
5903	15 44 3	− 3 34	+77 48	−18	4.30 R	.	A3V	+0.019	−0.004	+.011	− 16V	.	.		
5904	15 53 36	+ 6 0	−25 20	−18	4.59	−0.08	B2.5Vn	−0.016	−0.033	.006D	− 12	2.0	2.9		*
5905	15 56 6	+ 8 26	−60 29	−18	5.75	+0.06	A1V	−0.033	−0.088	.	− 11V	.	.		
5906	15 53 53	+ 5 58	−24 32	−18	5.38	−0.02	B6V	−0.026	−0.032	.	+ 13V	.	.		G
5907	15 53 56	+ 5 57	−23 59	−18	5.40	−0.04	B2Vnn	−0.018	−0.034	.	− 27V	.	.		*
5908	15 53 50	+ 5 42	−16 44	−18	4.14	+1.02	K0III-IV	+0.098	+0.126	+.030	+ 3	.	.		
5909	15 52 56	+ 4 31	+17 25	−18	6.40 R	.	K0	−0.043	−0.006	.	− 12	.	.		
5910	15 54 30	+ 6 5	−27 21	−18	6.14	−0.07	B7V	−0.025	−0.031	.	+ 1	.	.		G
5911	15 53 12	+ 4 39	+13 12	−19	6.10	+0.60	G2V	−0.153	−0.564	+.035	+ 36V?	.	.		6
5912	15 54 39	+ 6 0	−25 15	−18	5.88	−0.06	B7IV?	−0.014	−0.030	.		.	.		G
5913	15 53 35	+ 4 35	+16 5	−18	6.04 R	.	dF2	+0.024	−0.028	.	+ 2	6.4	3.5		6
5914	15 52 40	+ 3 27	+42 27	−17	4.60	+0.56	F9V	+0.437	+0.629	+.056	− 55	.	.		
5915	15 55 1	+ 5 47	−19 23	−18	5.94	−0.02	B5V?	−0.017	−0.028	.	− 6	2.0	.4		*
5916	15 55 30	+ 6 15	−31 5	−18	6.34 H	.	K0	+0.013	+0.016	.		.	.		
5917	15 55 30	+ 6 3	−26 16	−18	5.61 H	.	A3	−0.046	−0.029	.		.	.		
5918	15 56 6	+ 6 41	−39 52	−18	6.13 H	.	B9	−0.036	−0.022	.		5.9	18.		
5919	15 54 40	+ 4 50	+ 8 34	−18	6.15 R	.	A2	−0.003	−0.006	.	− 24	.	.		
5920	15 58 59	+ 9 11	−65 2	−17	5.74	−0.06	B8	−0.008	−0.026	.		6.6	9.7		
5921	15 57 4	+ 7 13	−48 10	−18	6.29	+0.38	F2V	−0.112	−0.100	.	+ 2	.	.		
5922	15 52 17	+ 2 20	+55 49	−18	5.76 R	.	gG8	−0.021	+0.051	.	− 30	.	.		
5923	15 56 14	+ 6 18	−31 48	−18	6.53 H	.	dF6	+0.034	−0.006	.		.	.		
5924	15 54 34	+ 4 24	+20 18	−18	5.44	+1.59	K4III	−0.082	+0.039	+.034	− 61	.	.		G
5925	15 56 54	+ 6 24	−33 58	−18	5.37 H	.	A1	+0.015	−0.049	+.018	− 10	.3	11.0		D
5926	15 56 54	+ 6 24	−33 58	−18	5.73 H	.	A0	+0.016	−0.046	.	− 12	.3	11.0		D
5927	15 56 14	+ 5 36	−14 24	−18	6.39 H	.	dF4	+0.028	−0.080	.	− 6	.	.		
5928	15 56 54	+ 6 11	−29 13	−18	3.88	−0.21	B2V	−0.010	−0.026	.	+ 3	10.5	38.4		G
5929	15 57 21	+ 6 30	−36 11	−17	5.95 H	.	dG1	−0.019	−0.007	.		.	.		
5930	15 56 34	+ 5 38	−14 50	−18	6.12	+0.23	A2	+0.067	−0.034	.		.	.		
5931	15 55 40	+ 4 29	+18 37	−18	6.13 R	−0.12	B7III	−0.016	−0.023	.		.	.		
5932	15 54 38	+ 3 20	+43 9	−17	5.37 R	.	sgM3	−0.036	+0.057	+.031	− 10	.	.		
5933	15 56 27	+ 4 37	+15 39	−20	3.85	+0.48	F6IV-V	+0.307	−1.292	+.069	+ 7V	.	.		
5934	15 57 41	+ 5 51	−20 58	−17	5.84	+0.02	B3?V	−0.017	−0.025	.		.	.		G
5935	15 58 30	+ 6 34	−37 30	−17	6.41 H	.	gG9	−0.025	−0.006	.		.	.		
5936	15 55 47	+ 3 38	+37 57	−17	5.44	+0.34	F2	+0.035	+0.074	+.043	− 12	.	.		
5937	15 59 54	+ 7 44	−54 1	−17	6.38 H	.	B5	−0.025	−0.023	.	− 38	.	.		
5938	15 55 31	+ 3 22	+42 34	−17	5.58 R	−0.12	B8	−0.029	+0.008	.	− 17V	.	.		
5939	16 1 11	+ 8 59	−63 47	−17	5.90	+0.70	G5	−0.005	−0.011	.	+ 2V	.	.		
5940	15 57 15	+ 4 37	+14 25	−17	5.54	+1.14	K1IV	−0.123	+0.080	.	− 68	.	.		
5941	15 58 11	+ 5 36	−14 16	−17	4.80	−0.08	B p	−0.016	−0.025	.	− 6	.	.		6
5942	15 58 35	+ 6 0	−24 50	−17	5.43	−0.09	B3?V	−0.016	−0.027	.	− 11V	.	.		G
5943	15 59 31	+ 6 49	−41 44	−17	4.98	+1.00	G8III	−0.043	−0.013	+.014	− 27	.	.		
5944	15 58 51	+ 6 3	−26 7	−17	2.88	−0.19	B1V	−0.012	−0.032	+.005	− 3V	6.0	51.2		*
5945	15 59 58	+ 6 46	−40 39	−17	6.28 H	.	K0	+0.021	+0.003	.		.	.		
5946	16 1 6	+ 7 47	−54 34	−17	6.12	+0.25	A3	−0.045	−0.045	.		.	.		
5947	15 57 35	+ 4 8	+26 53	−17	4.15	+1.23	K3III	−0.082	−0.068	+.021	− 31	8.4	2.2		3
5948	16 0 8	+ 6 38	−38 24	−17	3.40	−0.23	B2V	−0.022	−0.036	.008D	+ 7	3.8	15.5		*
5949	15 55 50	+ 1 57	+58 55	−17	6.18 R	−0.02	B9	−0.025	+0.017	.	− 6	.	.		
5950	15 57 30	+ 3 31	+39 42	−17	6.28 R	.	K0	−0.066	+0.052	.	− 14	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
5951		−62 5122	143238	21510	.				15 54 5	−62 15	323 6	− 7 25
5952		−40 10120	143248	21494	.		I		15 54 9	−40 9	337 31	+ 9 24
5953	7 δ SCO	−22 4068	143275	21489	.	9202			15 54 25	−22 20	350 6	+22 30
5954	49 LIB	−16 4196	143333	21495	3615.	9204			15 54 43	−16 14	354 56	+26 44
5955		−72 1902	143346	21557	.				15 54 47	−72 8	316 30	−14 53
5956		−31 12470	143404	21504	.				15 55 1	−31 36	343 28	+15 40
5957		+37 2695	143435	21486	.	9199			15 55 16	+36 56	58 35	+49 30
5958	T CRB	+26 2765	143454	21491	.	9203		T CRB	15 55 19	+26 12	42 22	+48 10
5959	50 LIB	− 7 4162	143459	21502	.	9207			15 55 24	− 8 8	2 0	+32 0
5960		+55 1793	143466	21467	3618.	9195			15 55 25	+55 2	85 25	+46 30
5961	ι NOR	−57 7500	143474	21535	3620.	9216	IAB		15 55 24	−57 30	326 21	− 3 55
5962	η NOR	−48 10512	143546	21539	3621.	9217			15 55 52	−48 57	331 58	+ 2 32
5963		+ 4 3096	143553	21508	.	9210			15 55 53	+ 4 42	14 51	+39 31
5964		+50 2239	143584	21499	.	9206			15 56 14	+50 10	78 30	+47 46
5965		−28 11817	143619	21540	.		9896		15 56 28	−28 51	345 39	+17 29
5966	5 HER	+18 3101	143666	21525	3625.	9212			15 56 45	+18 6	31 12	+45 27
5967		−38 10832	143699	21548	.	9218			15 56 45	−38 19	339 7	+10 27
5968	15 ρ CRB	+33 2663	143761	21527	3626.	9214			15 57 13	+33 36	53 31	+48 56
5969		−25 11295	143787	21556	3627.	9221			15 57 18	−25 35	348 10	+19 43
5970		−31 12505	143790	21559	.				15 57 15	−31 43	343 45	+15 16
5971	14 ι CRB	+30 2738	143807	21534	3628.	9215		VAR?	15 57 26	+30 8	48 19	+48 28
5972	44 π SER	+23 2886	143894	21552	3631.	9219			15 57 59	+23 5	38 9	+46 47
5973		−24 12499	143900	21571	.				15 57 54	−24 27	349 7	+20 26
5974		−32 11386	143902	21574	.				15 57 55	−32 56	343 0	+14 17
5975		−37 10680	143928	21584	.		I		15 58 1	−37 35	339 48	+10 49
5976	43 SER	+ 5 3131	144046	21582	.	9230	B		15 58 49	+ 5 16	15 58	+39 12
5977	ξ SCO	−10 4237	144069	21593	.	9238	9909B		15 58 52	−11 6	0 1	+29 26
5978	ξ SCO	−10 4237	144070	21593	3636.		9909A		15 58 52	−11 6	0 1	+29 26
5979		−55 7079	144183	21627	.				15 59 23	−55 55	327 48	− 3 5
5980	δ NOR	−44 10625	144197	21615	3639.	9250			15 59 25	−44 54	335 5	+ 5 11
5981		+53 1834	144204	21569	.	9225			15 59 32	+53 12	82 37	+46 29
5982	6 υ HER	+46 2142	144206	21580	.	9229			15 59 41	+46 19	72 42	+47 59
5983		+37 2708	144208	21590	.	9234			15 59 39	+36 54	58 34	+48 37
5984	8 β^1 SCO	−19 4307	144217	21609	3640.	9245	9913A	VAR?	15 59 37	−19 32	353 11	+23 37
5985	8 β^2 SCO	−19 4308	144218	21610	.	9246	9913C	VAR?	15 59 38	−19 32	353 11	+23 36
5986	13 θ DRA	+58 1608	144284	21572	3644.	9227			16 0 1	+58 50	90 11	+44 35
5987	θ LUP	−36 10642	144294	21625	.	9257			16 0 1	−36 32	340 50	+11 20
5988		−23 12700	144334	21620	.				16 0 8	−23 20	350 21	+20 52
5989		− 5 4234	144362	21616	.	9252	9918		16 0 24	− 6 1	4 52	+32 23
5990		− 5 4235	144390	21626	.		B		16 0 40	− 5 53	5 2	+32 25
5991		−36 10648	144415	21647	.		I		16 0 42	−36 29	340 58	+11 17
5992		+ 8 3134	144426	21622	.	9255			16 0 47	+ 8 22	19 46	+40 22
5993	9 ω^1 SCO	−20 4405	144470	21639	.	9260			16 0 57	−20 24	352 45	+22 47
5994	ι^2 NOR	−57 7613	144480	21677	.	9275			16 1 5	−57 40	326 48	− 4 33
5995		+59 1697	144542	21604	.	9242			16 1 20	+59 41	91 12	+44 6
5996		−13 4342	144585	21653	.				16 1 29	−13 48	358 11	+27 10
5997	10 ω^2 SCO	−20 4408	144608	21659	3651.	9264		VAR?	16 1 32	−20 36	352 41	+22 33
5998		−24 12552	144661	21668	.				16 1 52	−24 11	350 0	+19 59
5999		−38 10893	144668	21679	.		R5768		16 1 52	−38 50	339 31	+ 9 23
6000		−38 10894	144667	21680	.		I		16 1 52	−38 50	339 31	+ 9 23

BS= HR	RA (2000)	$\Delta\alpha$ 100 YR	DEC (2000)	$\Delta\delta$ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
5951	16 2 52	+ 8 47	−62 32	−17	6.24	−0.04	A0	−0.040	−0.030	.		.	.		
5952	16 0 54	+ 6 45	−40 26	−17	6.20	+0.01	A0	+0.014	+0.032	.		3.3	8.7	3	
5953	16 0 20	+ 5 55	−22 37	−17	2.32	−0.11	B0V	−0.011	−0.030	.	− 14V	.	.		G
5954	16 0 20	+ 5 37	−16 32	−18	5.46	+0.52	F8V	−0.630	−0.400	+.028	− 25V	.	.		6
5955	16 5 56	+ 11 9	−72 25	−17	5.69	+1.17	gK0	−0.028	+0.068	.		.	.		
5956	16 1 20	+ 6 19	−31 53	−17	6.40 H	.	K0	+0.009	−0.011	.		.	.		
5957	15 58 58	+ 3 42	+36 39	−17	5.49 R	.	gK5	+0.019	+0.021	.	+ 11	.	.		
5958	15 59 30	+ 4 11	+25 55	−17	2.0 H	.	pec	−0.008	+0.006	.	− 29	.	.		*
5959	16 0 48	+ 5 24	− 8 25	−17	5.55 H	.	A0	−0.019	−0.021	.	− 19	.	.		
5960	15 57 47	+ 2 22	+54 45	−17	4.96 R	.	F0IV	−0.154	+0.105	+.019	− 8V	.	.		
5961	16 3 32	+ 8 8	−57 47	−17	4.63	+0.24	A5V	−0.123	−0.091	+.015	− 18	.4	.8	3	*
5962	16 3 13	+ 7 21	−49 14	−17	4.64	+0.91	gG5	+0.026	+0.000	+.016	− 0	.	.		
5963	16 0 51	+ 4 58	+ 4 25	−17	5.74 R	.	gK0	−0.046	+0.070	.	− 4	.	.		
5964	15 59 4	+ 2 50	+49 53	−17	5.86 R	.	F0IV	+0.006	−0.061	.	+ 4	.	.		
5965	16 2 40	+ 6 12	−29 8	−17	6.16 H	.	K0	+0.034	−0.021	.		6.8	10.5		
5966	16 1 15	+ 4 30	+17 49	−17	5.12	+0.98	K0III	−0.053	+0.145	−.008	− 19	.	.		
5967	16 3 24	+ 6 39	−38 36	−17	4.89	−0.14	B7IV?	−0.031	−0.036	.	+ 0	.	.		
5968	16 1 2	+ 3 49	+33 18	−18	5.40	+0.60	G2V	−0.200	−0.774	+.042	+ 18	.	.		
5969	16 3 21	+ 6 3	−25 52	−17	5.10 H	.	gK5	−0.072	−0.046	+.024	− 39	.	.		
5970	16 3 34	+ 6 19	−32 0	−17	6.11 H	.	F5	−0.046	−0.034	.		.	.		
5971	16 1 26	+ 4 0	+29 51	−17	5.02	−0.07	A0II-III	−0.031	−0.015	+.006	− 19V	.	.		
5972	16 2 17	+ 4 18	+22 48	−17	4.82 R	+0.05	A3V	+0.011	+0.015	+.008	− 26V	.	.		
5973	16 3 54	+ 6 0	−24 44	−17	6.42 H	.	K0	−0.001	+0.000	.		.	.		
5974	16 4 18	+ 6 23	−33 13	−17	6.21 H	.	gF0	−0.033	−0.061	.		.	.		
5975	16 4 37	+ 6 36	−37 52	−17	5.96 H	.	dF5	−0.138	−0.122	.		6.5	40.0		
5976	16 3 46	+ 4 57	+ 4 59	−17	6.01 R	.	G9III	−0.045	+0.006	.	− 44	7.6	30.9		
5977	16 4 22	+ 5 30	−11 23	−17	5.07 H	.	F5IV	−0.065	−0.036	.	− 29	.3	1.6	3	D
5978	16 4 22	+ 5 30	−11 23	−17	4.77 H	.	F5IV	−0.065	−0.036	+.036	− 29	.3	1.6	3	*
5979	16 7 24	+ 8 1	−56 11	−16	6.28 H	.	F0	−0.003	−0.018	.		.	.		
5980	16 6 29	+ 7 4	−45 10	−16	4.72	+0.24	A m	+0.001	+0.022	+.012	− 16	.	.		
5981	16 2 5	+ 2 33	+52 55	−17	5.95 R	.	gK5	−0.004	−0.041	.	− 7	.	.		
5982	16 2 48	+ 3 7	+46 2	−17	4.57 R	−0.09	A p	+0.054	−0.067	.	+ 3	.	.		
5983	16 3 20	+ 3 41	+36 37	−17	5.76 R	.	F5+A2	+0.007	−0.025	.	− 1V	.	.		R
5984	16 5 26	+ 5 49	−19 48	−16	2.63	−0.08	B0.5V	−0.007	−0.026	+.004	− 7V	4.0	13.8	3	*
5985	16 5 27	+ 5 49	−19 48	−16	4.92	−0.02	B2V	−0.020	−0.027	.	− 5	4.0	13.8	3	*
5986	16 1 54	+ 1 53	+58 34	−16	4.01	+0.53	F8IV-V	−0.318	+0.334	+.046	− 9V	.	.		R
5987	16 6 35	+ 6 34	−36 48	−16	4.21	−0.19	B2Vn	−0.019	−0.037	.	+ 15	.	.		G
5988	16 6 6	+ 5 58	−23 36	−16	5.92	−0.08	B9?III	−0.014	−0.036	.	+ 3	.	.		G
5989	16 5 44	+ 5 20	− 6 17	−16	6.36 H	.	F5	+0.033	−0.014	.012D	− 11	2.7	1.7	4	D
5990	16 5 59	+ 5 19	− 6 9	−16	6.49 H	.	K0	−0.034	−0.002	.		5.9	9.4		
5991	16 7 17	+ 6 35	−36 45	−16	5.71	+0.30	gF1	+0.066	−0.048	.		5.7	40.9		
5992	16 5 37	+ 4 50	+ 8 6	−16	6.11 R	.	A m	−0.012	−0.008	.	− 21V	.	.		R
5993	16 6 48	+ 5 51	−20 40	−16	3.95	−0.04	B1V	−0.010	−0.029	.	− 4	.	.		G
5994	16 9 18	+ 8 13	−57 56	−16	5.79 H	.	B9V	−0.016	−0.061	.	+ 0	.	.		
5995	16 3 9	+ 1 49	+59 25	−16	6.05 R	.	M1	−0.023	−0.027	.	− 5	.	.		
5996	16 7 4	+ 5 35	−14 4	−16	6.31	+0.66	G4IV-V	−0.261	+0.018	.	− 16	.	.		
5997	16 7 24	+ 5 52	−20 52	−16	4.31	+0.84	gG2	+0.041	−0.045	+.014	− 5	.	.		
5998	16 7 52	+ 6 0	−24 27	−16	6.32	−0.05	B7IV?	−0.014	−0.016	.	− 3V	.	.		G
5999	16 8 34	+ 6 42	−39 6	−16	6.44 H	.	A0	−0.020	−0.035	.		7.3	16.4	3	D
6000	16 8 34	+ 6 42	−39 6	−16	6.71 H	.	A0	−0.028	−0.039	.		.3	45.3	3	D

BS = HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
6001		−25 11369	144690	21673	.	9271			16 2 2	−26 4	348 37	+18 38
6002	11 SCO	−12 4425	144708	21667	.	9269	9924		16 2 3	−12 29	359 24	+27 56
6003		−23 12731	144844	21694	.			VAR?	16 2 45	−23 25	350 44	+20 23
6004	45 SER	+10 2958	144874	21682	.	9277			16 2 51	+10 10	22 10	+40 47
6005		+22 2926	144889	21678	.	9276			16 3 2	+22 6	37 17	+45 23
6006		−32 11456	144927	21713	.		IA		16 3 10	−32 23	344 13	+13 55
6007		−33 10961	144987	21722	.	9291			16 3 28	−33 17	343 38	+13 14
6008	7 κ HER	+17 2964	145001	21696	3657.	9283	9933A		16 3 34	+17 19	31 1	+43 39
6009	7 κ HER	+17 2965	145000	21698	.	9284	9933B		16 3 34	+17 19	31 1	+43 39
6010	47 SER	+ 8 3141	145002	21702	.	9285		VAR?	16 3 39	+ 8 48	20 43	+39 57
6011		+ 3 3132	145085	21717	.	9288			16 3 59	+ 3 43	15 10	+37 18
6012		−17 4502	145100	21730	.				16 4 10	−18 4	355 10	+23 50
6013	8 HER	+17 2967	145122	21718	.	9289			16 4 16	+17 28	31 18	+43 33
6014		+ 6 3169	145148	21724	3659.	9292			16 4 16	+ 6 40	18 25	+38 46
6015		−40 10251	145191	21748	.				16 4 29	−40 51	338 31	+ 7 34
6016		− 3 3884	145206	21738	3660.	9297			16 4 36	− 3 12	8 17	+33 15
6017		−29 12343	145250	21749	3662.	9299			16 4 49	−29 9	346 49	+16 0
6018	16 τ CRB	+36 2699	145328	21733	3664.	9295	9939	VAR?	16 5 19	+36 45	58 24	+47 29
6019		−55 7229	145361	21783	.				16 5 25	−55 17	328 51	− 3 11
6020	δ^1 APS	−78 1092	145366	21862	3665.	9350	A		16 5 24	−78 27	312 25	−19 53
6021	δ^2 APS	−78 1093	145388	21865	3666.	9354	B		16 5 31	−78 25	312 27	−19 52
6022		−53 7413	145384	21782	.				16 5 29	−53 25	330 8	− 1 49
6023	11 φ HER	+45 2376	145389	21736	3667.	9296			16 5 37	+45 12	70 51	+47 7
6024	κ NOR	−54 7245	145397	21787	3668.	9315	I		16 5 35	−54 22	329 30	− 2 31
6025		+68 864	145454	21705	3670.	9286			16 6 3	+68 4	101 9	+40 5
6026	14 ν SCO	−19 4332	145501	21771	.		9951CD		16 6 10	−19 11	354 37	+22 44
6027	14 ν SCO	−19 4333	145502	21773	3671.	9306	9951AB		16 6 11	−19 12	354 36	+22 43
6028	13 SCO	−27 10841	145482	21778	.	9309			16 6 9	−27 40	348 7	+16 51
6029	12 SCO	−28 11962	145483	21776	.		9953	VAR?	16 6 5	−28 9	347 45	+16 31
6030	δ TRA	−63 3854	145544	21819	3672.	9331	I		16 6 20	−63 26	323 21	− 9 14
6031	15 ψ SCO	− 9 4324	145570	21780	3673.	9310			16 6 32	− 9 48	2 33	+28 50
6032		+10 2971	145589	21774	.	9307	F		16 6 43	+ 9 58	22 31	+39 51
6033	16 SCO	− 8 4180	145607	21784	3675.	9313			16 6 42	− 8 17	3 56	+29 45
6034		+77 616	145622	21676	.	9274			16 6 49	+77 4	110 55	+35 26
6035		+17 2982	145647	21777	.	9308			16 6 57	+16 55	30 56	+42 45
6036		+58 1622	145674	21753	.	9302	9944		16 7 5	+58 12	88 54	+43 56
6037		−67 3054	145689	21849	.				16 7 7	−67 41	320 25	−12 21
6038		+56 1867	145694	21756	.	9304			16 7 14	+56 5	86 5	+44 35
6039	10 HER	+23 2909	145713	21786	.	9314		LQ HER	16 7 23	+23 45	39 56	+44 54
6040		−57 7716	145782	21837	.				16 7 34	−57 39	327 28	− 5 7
6041		− 3 3891	145788	21803	.	9324			16 7 41	− 3 58	8 6	+32 11
6042		−24 12623	145792	21814	.		9967		16 7 45	−24 10	351 0	+19 2
6043		+33 2696	145802	21792	.	9316	9958		16 7 51	+33 36	53 50	+46 43
6044		−32 11525	145838	21829	.				16 7 58	−32 45	344 42	+12 57
6045	θ NOR	−47 10611	145842	21836	.	9338			16 8 0	−47 7	334 42	+ 2 33
6046		+36 2706	145849	21800	.	9321			16 8 9	+36 41	58 20	+46 54
6047	9 HER	+ 5 3165	145892	21815	3679.	9330			16 8 19	+ 5 17	17 34	+37 12
6048	17 χ SCO	−11 4096	145897	21828	3680.	9337			16 8 19	−11 35	1 18	+27 21
6049		−42 11132	145921	21846	.				16 8 27	−42 39	337 49	+ 5 45
6050		+42 2683	145931	21802	.	9322	9962		16 8 29	+42 38	67 3	+46 49

BS= HR	RA (2000)	$\Delta\alpha$ 100 YR	DEC (2000)	$\Delta\delta$ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
6001	16 8 8	+ 6 6	−26 20	−16	5.38	+1.63	gM2	+0.108	−0.011	.	− 18	.	.		
6002	16 7 36	+ 5 33	−12 45	−16	5.64 H	.	A0	−0.050	−0.036	.	− 25V	4.3	3.4		3
6003	16 8 43	+ 5 58	−23 41	−16	5.88	+0.01	B9V	−0.015	−0.031	.	− 16V	.	.		G
6004	16 7 37	+ 4 46	+ 9 54	−16	5.63 R	.	A5	−0.021	−0.015	.	− 28V	.	.		
6005	16 7 22	+ 4 20	+21 50	−16	6.14	+1.37	K4III	−0.015	−0.048	.	+ 57	.	.		
6006	16 9 32	+ 6 22	−32 39	−16	6.74 H	.	dG2	−0.029	−0.059	.		.5	8.4		
6007	16 9 53	+ 6 25	−33 33	−16	5.58 H	.	B8	−0.028	−0.065	.	− 45V	.	.		
6008	16 8 5	+ 4 31	+17 3	−16	5.34 H	.	G8III	−0.037	−0.018	+.011	− 9	1.0	31.2		D
6009	16 8 5	+ 4 31	+17 3	−16	6.52 H	.	gK2	−0.033	−0.036	.	+ 38	1.0	31.2		D
6010	16 8 28	+ 4 49	+ 8 32	−16	5.69 R	.	gM3	−0.021	−0.016	.	− 22	.	.		
6011	16 8 59	+ 5 0	+ 3 27	−16	5.95 R	.	gK5	−0.031	+0.010	.	+ 9	.	.		
6012	16 9 55	+ 5 45	−18 20	−16	6.40 H	.	dF6	−0.085	−0.082	.		.	.		
6013	16 8 46	+ 4 30	+17 12	−16	6.02 R	+0.00	A0V	−0.024	−0.034	.	− 16	.	.		
6014	16 9 11	+ 4 55	+ 6 23	−17	5.98	+1.02	K0IV	+0.235	−0.744	+.026	− 4	.	.		
6015	16 11 18	+ 6 49	−41 7	−16	5.85	+0.28	F0	−0.104	−0.130	.		.	.		
6016	16 9 50	+ 5 14	− 3 28	−16	5.41 H	.	K4III	−0.033	−0.012	+.007	− 46V	.	.		6
6017	16 11 2	+ 6 13	−29 25	−16	5.16 H	.	gK3	−0.094	−0.094	+.018	− 27	.	.		
6018	16 8 58	+ 3 39	+36 30	−15	4.74	+1.00	K0III	−0.060	+0.322	+.027	− 18V?	8.3	3.1		*
6019	16 13 23	+ 7 58	−55 33	−16	5.80	+0.34	F2IV	−0.105	−0.049	.	− 46	.	.		
6020	16 20 21	+ 14 57	−78 42	−15	4.66	+1.69	M4III	−0.005	−0.042	+.013	− 12	.4	102.9	3	
6021	16 20 27	+ 14 56	−78 40	−15	5.26	+1.41	K5III?	+0.004	−0.026	+.013	− 10	.4	102.9	3	
6022	16 13 16	+ 7 47	−53 41	−16	5.98 H	.	gM0	−0.019	−0.022	.		.	.		
6023	16 8 46	+ 3 9	+44 56	−16	4.24 R	−0.05	A p	−0.030	+0.028	+.012	− 16	.	.		
6024	16 13 28	+ 7 53	−54 38	−16	5.09 H	.	G4III	−0.009	−0.034	+.016	− 14	8.8	17.5		
6025	16 6 20	+ 0 17	+67 48	−16	5.40 R	.	A0	−0.038	+0.060	+.007	− 18	.	.		
6026	16 11 59	+ 5 49	−19 27	−16	6.23	+0.12	A0IV	−0.011	−0.016	.		2.8	41.6	4	*
6027	16 12 0	+ 5 49	−19 28	−16	4.00	+0.04	B2IV-V	−0.011	−0.030	+.020	− 7V	2.5	1.1	4	*
6028	16 12 19	+ 6 10	−27 56	−16	4.57	−0.16	B2.5Vn	−0.015	−0.033	.	+ 10V	.	.		G
6029	16 12 16	+ 6 11	−28 25	−16	5.66	+0.00	B9V	−0.033	−0.051	.021D		1.9	4.5		*
6030	16 15 26	+ 9 6	−63 41	−15	3.84	+1.10	G2II	+0.006	−0.022	+.022	− 5	7.5	30.		
6031	16 12 0	+ 5 28	−10 4	−16	4.94	+0.08	A2V	−0.010	−0.020	+.016	− 6V?	.	.		
6032	16 11 30	+ 4 47	+ 9 42	−16	6.41 R	.	A3	+0.010	−0.011	.	− 27	.0	.1		
6033	16 12 7	+ 5 25	− 8 33	−16	5.49 H	.	A3	+0.037	−0.004	−.018	+ 5	.	.		
6034	16 3 31	− 3 18	+76 48	−16	5.53 R	.	A0	−0.022	+0.013	.	− 25V	.	.		6
6035	16 11 29	+ 4 32	+16 39	−16	5.92 R	+0.02	A0V	+0.003	−0.004	.	− 15	.	.		
6036	16 9 3	+ 1 58	+57 56	−16	6.28 R	.	A0	−0.025	+0.017	.	− 6V	4.3	12.3		*
6037	16 17 6	+ 9 59	−67 56	−15	5.74	+0.15	A3	−0.042	−0.099	.		.	.		
6038	16 9 26	+ 2 12	+55 49	−16	6.44 R	.	K0	−0.034	+0.018	.	− 15	.	.		
6039	16 11 38	+ 4 15	+23 29	−16	5.96 H	.	gM4	−0.032	−0.019	.	− 25	.	.		
6040	16 15 50	+ 8 16	−57 54	−15	5.86 H	.	A0IV	−0.021	−0.055	.		.	.		
6041	16 12 57	+ 5 16	− 4 13	−15	6.08 H	.	A0	−0.034	−0.021	.	− 16	.	.		
6042	16 13 46	+ 6 1	−24 25	−15	6.39	+0.04	B7IV	+0.011	−0.022	.		4.0	1.5		G
6043	16 11 40	+ 3 49	+33 21	−15	6.28 R	.	gK2	+0.010	+0.001	.009D	+ 0	4.0	5.8	3	D
6044	16 14 22	+ 6 24	−33 0	−15	6.07 H	.	gG9	−0.016	−0.040	.		.	.		
6045	16 15 16	+ 7 16	−47 22	−15	5.36 H	.	B8	−0.036	−0.056	.	+ 2	.	.		
6046	16 11 48	+ 3 39	+36 26	−15	5.51 R	.	gK4	−0.014	−0.044	.	− 31V	.	.		R
6047	16 13 16	+ 4 57	+ 5 2	−15	5.48 R	.	gK5	+0.040	−0.013	+.009	− 2	.	.		
6048	16 13 51	+ 5 32	−11 50	−15	5.50 H	.	K3III	−0.015	−0.013	+.028	− 25	.	.		
6049	16 15 24	+ 6 57	−42 54	−15	6.16 H	.	gK2	−0.028	−0.015	.		.	.		
6050	16 11 48	+ 3 19	+42 23	−15	5.84 R	.	K4III	−0.010	+0.021	.	− 21	3.7	23.8		D

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
6051		−20 4444	145964	21834	.				16 8 36	−20 51	353 43	+21 10
6052		+27 2603	145976	21811	.	9328	9966		16 8 38	+26 56	44 24	+45 26
6053		−18 4249	145997	21840	.				16 8 53	−18 17	355 49	+22 51
6054		−25 11453	146001	21845	.				16 8 50	−25 13	350 23	+18 8
6055		−53 7594	146003	21861	3683.	9349			16 8 54	−53 34	330 24	− 2 16
6056	1 δ OPH	− 3 3903	146051	21838	3684.	9340			16 9 6	− 3 26	8 51	+32 13
6057		+ 6 3184	146084	21841	.	9341			16 9 18	+ 6 9	18 39	+37 26
6058	γ¹ NOR	−49 10474	146143	21871	3686.	9357			16 9 32	−49 49	333 2	+ 0 24
6059		−52 9469	146145	21874	.		I		16 9 36	−52 50	330 59	− 1 48
6060	18 SCO	− 7 4242	146233	21864	3687.	9353	B	VAR?	16 10 11	− 8 6	4 42	+29 11
6061		−14 4383	146254	21867	.	9355		VAR?	16 10 13	−14 36	359 4	+25 3
6062	S NOR	−57 7821	146323	21898	.	9374		S NOR	16 10 34	−57 39	327 45	− 5 24
6063	17 σ CRB	+34 2750	146361	21863	3689.	9351	9979A	VAR?	16 10 56	+34 7	54 41	+46 8
6064	17 σ CRB	+34 2750	146362	21863	.	9352	9979B	VAR?	16 10 56	+34 7	54 41	+46 8
6065	16 HER	+19 3075	146388	21870	3690.	9356			16 11 3	+19 4	34 9	+42 37
6066		−20 4454	146416	21883	.				16 11 5	−21 3	353 59	+20 37
6067		− 3 3910	146514	21895	.	9369			16 11 40	− 3 42	9 2	+31 32
6068		+27 2613	146537	21879	.	9362			16 11 43	+27 41	45 39	+44 56
6069		+67 930	146603	21852	.	9345			16 12 3	+67 24	100 2	+39 53
6070		−28 12037	146624	21910	3693.	9379			16 12 6	−28 22	348 33	+15 25
6071	λ NOR	−42 11188	146667	21923	.	9384	I		16 12 20	−42 26	338 30	+ 5 24
6072	γ² NOR	−49 10536	146686	21933	3694.	9387	I		16 12 21	−49 55	333 18	+ 0 1
6073		−54 7493	146690	21942	.				16 12 26	−54 54	329 51	− 3 35
6074	18 υ CRB	+29 2803	146738	21900	.	9376	9990		16 12 44	+29 24	48 6	+45 4
6075	2 ε OPH	− 4 4086	146791	21920	3696.	9383			16 13 2	− 4 27	8 34	+30 49
6076		−19 4357	146834	21935	.	9389			16 13 16	−19 58	355 12	+20 58
6077		−30 13041	146836	21941	3698.	9391	IA		16 13 13	−30 40	347 2	+13 38
6078		−14 4398	146850	21934	.	9388			16 13 22	−14 38	359 35	+24 27
6079	19 UMI	+76 594	146926	21851	.	9344			16 13 40	+76 8	109 41	+35 36
6080		−39 10412	146954	21959	.		I		16 13 47	−39 11	340 59	+ 7 32
6081	19 ο SCO	−23 12849	147084	21969	3704.	9400			16 14 37	−23 56	352 19	+18 3
6082	20 UMI	+75 586	147142	21880	.	9363			16 15 3	+75 28	108 55	+35 52
6083		−49 10591	147152	21997	.	9411			16 15 0	−49 20	334 1	+ 0 8
6084	20 σ SCO	−25 11485	147165	21982	.	9404	10009	σ SCO	16 15 7	−25 21	351 19	+17 1
6085		−43 10724	147225	22000	.		I		16 15 26	−43 41	338 1	+ 4 7
6086		+60 1665	147232	21943	.	9392		AT DRA	16 15 35	+60 0	90 45	+42 19
6087		+21 2902	147266	21976	.	9403			16 15 44	+21 23	37 36	+42 22
6088		+73 713	147321	21916	.	9380			16 16 12	+73 38	106 54	+36 43
6089		−62 5325	147349	22034	.				16 16 17	−62 54	324 33	− 9 38
6090		+49 2491	147352	21974	.	9402			16 16 24	+49 17	76 20	+44 45
6091		+40 3005	147365	21984	3713.	9406	B		16 16 30	+39 57	63 8	+45 22
6092	22 τ HER	+46 2169	147394	21987	3714.	9407	10010	VAR?	16 16 44	+46 33	72 29	+45 2
6093	50 σ SER	+ 1 3215	147449	22007	3716.	9417			16 17 0	+ 1 16	14 47	+33 14
6094		−38 10983	147513	22030	3717.	9426			16 17 15	−38 58	341 37	+ 7 13
6095	20 γ HER	+19 3086	147547	22012	3718.	9418	10022	VAR?	16 17 31	+19 23	35 15	+41 18
6096		− 1 3174	147550	22019	.				16 17 28	− 1 51	11 47	+31 25
6097		−32 11687	147553	22031	.		IA		16 17 31	−32 58	346 0	+11 23
6098	ζ TRA	−69 2558	147584	22089	3719.	9448			16 17 43	−69 52	319 31	−14 34
6099		−45 10633	147614	22046	.		I		16 17 44	−45 7	337 18	+ 2 49
6100		−37 10778	147628	22043	.	9433	B		16 17 52	−37 20	342 52	+ 8 17

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
6051	16 14 29	+ 5 53	−21 6	−15	6.31 H	.	A0	−0.028	−0.033	.		.	.		
6052	16 12 46	+ 4 8	+26 41	−15	6.31 R	.	F2	+0.046	−0.032	.012D	− 8	3.6	2.8		2
6053	16 14 39	+ 5 46	−18 32	−15	6.37 H	.	gK2	−0.108	−0.115	.		.	.		
6054	16 14 54	+ 6 4	−25 28	−15	6.05	+0.04	B8IV	+0.007	−0.027	.	− 10	.	.		G
6055	16 16 44	+ 7 50	−53 49	−15	5.43 H	.	gM2	−0.007	−0.001	+.013	− 28	.	.		
6056	16 14 20	+ 5 14	− 3 41	−15	2.72	+1.58	M1III	−0.046	−0.149	+.029	− 20	.	.		
6057	16 14 13	+ 4 55	+ 5 54	−15	6.32 R	.	gK3	+0.025	−0.018	.	− 21	.	.		
6058	16 17 1	+ 7 29	−50 4	−15	4.96	+0.80	F8Iab	−0.008	−0.008	−.007	− 19	.	.		
6059	16 17 21	+ 7 45	−53 5	−15	6.30	+0.28	A5	−0.061	−0.063	.	− 24	6.6	21.1		
6060	16 15 37	+ 5 26	− 8 22	−16	5.49	+0.65	dG1	+0.227	−0.508	+.059	+ 11	7.8	25.8		1
6061	16 15 52	+ 5 39	−14 51	−15	6.10 H	.	A0	+0.007	+0.010	.	− 11	.	.		
6062	16 18 51	+ 8 17	−57 54	−15	6.10	+0.90	gG0	+0.002	−0.008	.	− 3V	.	.		*
6063	16 14 41	+ 3 45	+33 52	−15	5.76 H	.	dF6	−0.275	−0.086	+.047	− 11V	1.1	5.3	4	*
6064	16 14 41	+ 3 45	+33 52	−15	6.66 H	.	dG1	−0.275	−0.086	.	− 17	1.1	5.3	4	D
6065	16 15 29	+ 4 26	+18 49	−15	5.72 R	.	gK3	−0.067	−0.085	+.012	− 18	.	.		
6066	16 16 59	+ 5 54	−21 18	−15	6.60	+0.01	B9.5?V	−0.015	−0.023	.		.	.		G
6067	16 16 56	+ 5 16	− 3 57	−15	6.12 H	.	dA6	+0.037	+0.003	.	− 8	.	.		
6068	16 15 48	+ 4 5	+27 26	−15	6.13 R	.	K2	−0.032	−0.040	.	− 11	.	.		
6069	16 12 25	+ 0 22	+67 9	−15	6.14 R	.	G8III	−0.027	−0.046	.	− 10	.	.		
6070	16 18 18	+ 6 12	−28 37	−15	4.79	+0.01	A0V	−0.032	−0.111	+.025	− 12	.	.		
6071	16 19 18	+ 6 58	−42 41	−15	5.44	+0.10	A3Vn	+0.014	−0.017	.	− 22V?	.9	.4		2
6072	16 19 50	+ 7 29	−50 10	−15	4.01	+1.08	G8III	−0.165	−0.059	+.037	− 29	5.5	42.2		G
6073	16 20 25	+ 7 59	−55 9	−15	5.91 H	.	gG8	+0.019	−0.028	.		.	.		
6074	16 16 44	+ 4 0	+29 9	−15	5.78	+0.07	A3V	+0.016	−0.025	.	+ 2V?	4.5	74.0	5	G
6075	16 18 19	+ 5 17	− 4 42	−15	3.24	+0.96	G9III	+0.082	+0.035	+.036	− 10	.	.		
6076	16 19 7	+ 5 51	−20 13	−15	6.28	+1.07	K5III	+0.010	−0.012	.	+ 8	.	.		G
6077	16 19 33	+ 6 20	−30 55	−15	5.42 H	.	F5III	+0.082	+0.018	+.023	− 8V	1.0	23.3		*
6078	16 19 1	+ 5 39	−14 53	−15	6.06 H	.	gK4	−0.030	+0.008	.	− 42V	.	.		6
6079	16 10 49	− 2 51	+75 53	−15	5.48 R	−0.15	B8	−0.001	+0.010	.	− 1	.	.		
6080	16 20 33	+ 6 46	−39 26	−15	6.22 H	.	A0	−0.013	−0.068	.		2.7	10.8		
6081	16 20 38	+ 6 1	−24 10	−14	4.53	+0.82	A5II	−0.005	−0.032	−.001	− 8	.	.		G
6082	16 12 32	− 2 31	+75 13	−15	6.35 R	.	gK3	−0.042	+0.030	.	− 26	.	.		
6083	16 22 28	+ 7 28	−49 34	−14	5.49 H	.	B6IV	−0.014	−0.028	.	− 9	.	.		
6084	16 21 12	+ 6 5	−25 35	−14	2.93?	+0.14	B1III	−0.011	−0.028	.	− 0V	7.0	20.7		*
6085	16 22 29	+ 7 3	−43 55	−14	6.00 H	.	G5	−0.028	−0.020	.		3.6	42.8		3
6086	16 17 15	+ 1 40	+59 45	−15	5.51 R	.	gM4	+0.008	+0.020	.	− 36	.	.		
6087	16 20 4	+ 4 20	+21 9	−14	5.91 R	.	dG7	−0.020	−0.057	.	− 25	.	.		
6088	16 14 34	− 1 38	+73 23	−15	5.98	+0.08	A0	−0.016	+0.028	.	− 15	.	.		
6089	16 25 22	+ 9 5	−63 8	−14	6.28 H	.	A2	−0.023	+0.017	.		.	.		
6090	16 19 12	+ 2 48	+49 3	−14	6.02 R	.	gK6	−0.022	+0.027	.	− 32	.	.		
6091	16 19 56	+ 3 26	+39 43	−14	5.44BR	.	A9n	−0.126	−0.006	+.040	− 29	5.4	2.0		2
6092	16 19 44	+ 3 0	+46 19	−14	3.89	−0.15	B5IV	−0.013	+0.032	+.027	− 14	10.7	6.7		3
6093	16 22 4	+ 5 4	+ 1 2	−14	4.83	+0.32	F0V	−0.162	+0.048	+.035	− 46	.	.		
6094	16 24 1	+ 6 46	−39 12	−14	5.37	+0.64	dG5	+0.078	−0.010	+.049	+ 10	.	.		
6095	16 21 56	+ 4 25	+19 9	−14	3.74	+0.26	A9III	−0.048	+0.039	+.015	− 35V	6.0	41.5		*
6096	16 22 39	+ 5 11	− 2 5	−14	6.11 H	+0.10	B9	−0.015	−0.002	.	− 16	.	.		
6097	16 23 57	+ 6 26	−33 12	−14	7.06 H	.	A0	−0.019	−0.037	.009D		.5	6.3		2
6098	16 28 29	+ 10 46	−70 6	−14	4.90	+0.55	G0V	+0.020	+0.100	+.083	+ 9V	.	.		*
6099	16 24 54	+ 7 10	−45 21	−14	6.46 H	.	A2	+0.021	−0.006	.		6.0	5.1		
6100	16 24 32	+ 6 40	−37 34	−14	5.43 H	.	B8IV	−0.020	−0.028	.	+ 8V	.2	.1		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
6101		+68 868	147662	21983	3721.	9405			16 18 12	+68 48	101 21	+38 46
6102	γ APS	−78 1103	147675	22142	3720.	9472			16 18 6	−78 40	312 42	−20 30
6103	19 ξ CRB	+31 2845	147677	22020	3723.	9420			16 18 12	+31 7	50 46	+44 13
6104	4 ψ OPH	−19 4365	147700	22042	3724.	9432			16 18 15	−19 48	356 10	+20 12
6105		−29 12513	147722	22053	.		10035B		16 18 23	−29 28	348 43	+13 40
6106		−29 12513	147723	22054	.		10035A		16 18 23	−29 28	348 43	+13 40
6107	20 ν^1 CRB	+34 2773	147749	22026	3725.	9423			16 18 36	+34 2	54 49	+44 33
6108	21 ν^2 CRB	+34 2774	147767	22029	3727.	9424			16 18 43	+33 56	54 41	+44 31
6109	ι TRA	−63 3923	147787	22100	3729.	9452	I		16 18 40	−63 50	324 3	−10 28
6110		+32 2716	147835	22040	.	9430	10031		16 19 6	+32 34	52 48	+44 15
6111	21 HER	+ 7 3164	147869	22058	.	9437			16 19 18	+ 7 11	21 18	+35 47
6112	5 ρ OPH	−23 12861	147933	22079	.	9445	10049A		16 19 35	−23 13	353 41	+17 42
6113	5 ρ OPH	−23 12861	147934	22078	.	9444	10049B		16 19 35	−23 13	353 41	+17 42
6114		−58 6800	147977	22116	.				16 19 49	−58 22	328 7	− 6 46
6115	ϵ NOR	−47 10765	147971	22106	.	9455	IA		16 19 51	−47 20	336 0	+ 0 59
6116	21 η UMI	+76 596	148048	21999	3731.	9413			16 20 25	+75 59	109 16	+35 20
6117	24 ω HER	+14 3049	148112	22090	3732.	9449	10054		16 20 48	+14 16	29 28	+38 38
6118	7 χ OPH	−18 4282	148184	22117	.	9462		χ OPH	16 21 14	−18 14	357 56	+20 41
6119	U HER	+19 3098	148206	22107	3735.	9456		U HER	16 21 22	+19 7	35 21	+40 22
6120		−57 8035	148218	22140	.				16 21 25	−57 32	328 52	− 6 20
6121		+11 2984	148228	22112	.	9459			16 21 29	+11 38	26 32	+37 22
6122		−36 10783	148247	22131	.				16 21 35	−36 57	343 40	+ 8 1
6123	25 HER	+37 2750	148283	22108	.	9457			16 21 50	+37 37	59 54	+44 14
6124		+ 2 3106	148287	22123	.	9465			16 21 48	+ 2 35	16 53	+32 55
6125		−61 5701	148291	22159	3736.	9481			16 21 56	−61 25	326 6	− 9 4
6126		+69 845	148293	22062	3737.	9438			16 22 2	+69 20	101 48	+38 14
6127		+55 1845	148330	22102	.	9454			16 22 14	+55 26	84 27	+42 43
6128		− 7 4292	148349	22133	3738.	9469			16 22 20	− 7 22	7 26	+27 14
6129	3 υ OPH	− 8 4243	148367	22134	3739.	9470	R5928		16 22 24	− 8 9	6 44	+26 45
6130		+62 1478	148374	22091	.	9450	10052		16 22 28	+61 55	92 49	+40 55
6131		−45 10697	148379	22150	.	9475			16 22 27	−46 1	337 15	+ 1 35
6132	14 η DRA	+61 1591	148387	22101	3740.	9453	10058	VAR?	16 22 38	+61 44	92 35	+40 57
6133		−87 259	148451	22679	.				16 22 53	−87 24	305 25	−26 7
6134	21 α SCO	−26 11359	148478	22157	3741.	9479	10074	α SCO	16 23 17	−26 13	351 56	+15 4
6135		−70 2256	148488	22212	.	9507			16 23 17	−70 46	319 10	−15 31
6136		+ 0 3529	148513	22148	3742.	9473			16 23 28	+ 0 53	15 26	+31 40
6137		− 7 4299	148515	22152	.	9477	10072		16 23 25	− 7 55	7 7	+26 41
6138		−82 687	148527	22340	.				16 23 31	−83 3	309 13	−23 28
6139		−86 333	148542	22519	.				16 23 35	−86 11	306 30	−25 24
6140		−14 4433	148604	22171	.	9484			16 24 8	−14 20	1 38	+22 38
6141	22 SCO	−24 12695	148605	22179	.	9488			16 24 8	−24 54	353 6	+15 48
6142		−41 10695	148688	22198	.	9498	I		16 24 45	−41 36	340 43	+ 4 21
6143		−34 11044	148703	22195	.	9496			16 24 51	−34 29	345 56	+ 9 14
6144		− 7 4305	148743	22187	.	9491			16 25 7	− 7 17	7 58	+26 43
6145		−26 11379	148760	22201	.				16 25 14	−26 19	352 10	+14 41
6146	30 g HER	+42 2714	148783	22172	3751.	9485		g HER	16 25 21	+42 6	66 10	+43 43
6147	8 ϕ OPH	−16 4298	148786	22200	3752.	9500	10086		16 25 25	−16 24	0 7	+21 5
6148	27 β HER	+21 2934	148856	22193	3754.	9493		VAR?	16 25 55	+21 42	39 0	+40 13
6149	10 λ OPH	+ 2 3118	148857	22203	3755.	9502	10087		16 25 52	+ 2 12	17 7	+31 51
6150		+51 2106	148880	22185	.	9489	10079		16 26 10	+51 38	79 13	+42 52

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
6101	16 18 9	− 0 3	+68 34	−14	6.31 R	.	K0	−0.047	+0.043	−.005	− 11	.	.		
6102	16 33 27	+ 15 21	−78 53	−13	3.88	+0.91	K0IV	−0.120	−0.074	+.048	+ 5V	.	.		
6103	16 22 6	+ 3 54	+30 53	−14	4.68 R	.	K0III	−0.099	+0.106	+.012	− 29	.	.		G
6104	16 24 6	+ 5 51	−20 2	−14	4.48	+1.02	K0III	−0.028	−0.054	−.008	+ 0	.	.		
6105	16 24 40	+ 6 17	−29 42	−14	6.59 H	.	G0IV	+0.061	−0.110	.036D	− 0	1.0	6.8		D
6106	16 24 40	+ 6 17	−29 42	−14	5.94 H	.	G0IV	+0.064	−0.088	.036D	− 3	1.0	6.8		D
6107	16 22 22	+ 3 46	+33 48	−14	5.32 R	.	gM2	+0.004	−0.046	+.003	− 13	.	.		
6108	16 22 29	+ 3 46	+33 42	−14	5.32 R	.	K5III	−0.010	+0.050	+.023	− 39	.	.		
6109	16 27 57	+ 9 17	−64 4	−14	5.30 H	.	dF4	+0.050	+0.020	+.021	− 5V	4.4	24.7		R
6110	16 22 56	+ 3 50	+32 20	−14	6.12 R	+0.06	A3V	+0.013	−0.015	.	− 3V	2.5	36.4		*
6111	16 24 10	+ 4 52	+ 6 57	−14	5.76 R	.	A0	+0.000	+0.010	.	− 33V	.	.		R
6112	16 25 35	+ 6 0	−23 27	−14	5.22 H	.	B3IV	+0.001	−0.026	.013D	− 10	1.0	4.1	5	*
6113	16 25 35	+ 6 0	−23 27	−14	5.92 H	.	B2V	−0.008	−0.025	.013D	− 10	1.0	4.1	5	*
6114	16 28 15	+ 8 26	−58 36	−14	5.78 H	.	B9III	−0.035	−0.045	.		.	.		
6115	16 27 11	+ 7 20	−47 34	−14	4.46	−0.07	B3?V	−0.008	−0.034	.	− 12V	2.7	23.9		*
6116	16 17 30	− 2 55	+75 45	−14	4.97 R	.	dA8	−0.079	+0.248	+.038	− 10	.	.		G
6117	16 25 25	+ 4 37	+14 2	−14	4.56	+0.01	A p	+0.041	−0.065	+.033	− 7V?	6.5	33.9	3	*
6118	16 27 2	+ 5 48	−18 28	−14	4.32	+0.28	B2Ve	−0.011	−0.032	.	− 5V	.	.		G
6119	16 25 47	+ 4 25	+18 53	−14	6.7 H	.	gM7e	+0.020	−0.011	+.006	− 28	.	.		
6120	16 29 45	+ 8 20	−57 45	−13	5.99 H	.	K0	−0.016	+0.008	.		.	.		
6121	16 26 11	+ 4 42	+11 24	−14	6.08 R	.	K0	−0.034	+0.007	.	− 21	.	.		
6122	16 28 15	+ 6 40	−37 10	−13	5.87 H	.	gK0	+0.034	−0.012	.		.	.		
6123	16 25 24	+ 3 34	+37 23	−14	5.48 R	.	A3	−0.001	−0.017	.	− 1	.	.		
6124	16 26 50	+ 5 2	+ 2 21	−14	6.07 R	.	G5	+0.019	−0.032	.	+ 4	.	.		
6125	16 30 49	+ 8 53	−61 38	−13	5.11 H	.	gG8	−0.008	−0.011	+.000	+ 4V?	.	.		
6126	16 21 49	− 0 13	+69 6	−14	5.28 R	.	K2III	−0.022	−0.008	+.008	− 8	.	.		
6127	16 24 25	+ 2 11	+55 12	−14	5.70 R	.	A2	+0.013	+0.016	.	− 4	.	.		
6128	16 27 43	+ 5 23	− 7 36	−14	5.45 H	.	M2III?	+0.009	−0.161	+.007	+100	.	.		
6129	16 27 49	+ 5 25	− 8 22	−13	4.64	+0.18	A m	−0.079	+0.004	+.022	− 31V	6.3	.8		R
6130	16 23 48	+ 1 20	+61 41	−14	5.53 R	.	gG7	−0.037	+0.030	.003D	− 24	1.2	1.2		D
6131	16 29 42	+ 7 15	−46 14	−13	5.34?	+0.52	B2Ia	−0.011	−0.015	.	− 19V	.	.		
6132	16 23 59	+ 1 21	+61 30	−14	2.77 R	.	G8III	−0.023	+0.058	+.043	− 14	6.0	6.1		D
6133	17 16 5	+ 53 12	−87 34	−10	6.57	+0.91	G5III	−0.128	−0.144	.	− 4	.	.		
6134	16 29 25	+ 6 8	−26 26	−13	1.08	+1.80	M1Ib	−0.009	−0.028	+.019	− 3V	5.5	3.4		*
6135	16 34 19	+ 11 2	−70 59	−13	5.49	+1.22	gG8	−0.027	−0.029	.	− 3	.	.		
6136	16 28 34	+ 5 6	+ 0 40	−13	5.30 R	.	K4IIIp	−0.006	−0.070	+.004	+ 7	.	.		
6137	16 28 49	+ 5 24	− 8 8	−13	6.41 H	.	dF3	−0.063	−0.079	.	+ 0	2.7	5.2		D
6138	16 45 56	+ 22 25	−83 15	−12	6.36 H	.	K5	+0.021	+0.013	.		.	.		
6139	17 1 1	+ 37 26	−86 22	−11	6.03	+0.05	A3IV	+0.011	+0.000	.		.	.		
6140	16 29 47	+ 5 39	−14 33	−13	5.75 H	.	G2III	+0.026	+0.010	.	− 31	.	.		
6141	16 30 13	+ 6 5	−25 7	−13	4.78	−0.13	B2V	−0.008	−0.029	.	− 4V	.	.		G
6142	16 31 42	+ 6 57	−41 49	−13	5.31	+0.33	B1Ia	−0.016	−0.004	.	− 14	7.1	8.6		
6143	16 31 23	+ 6 32	−34 42	−13	4.22	−0.17	B2IV	−0.009	−0.022	.	+ 0V	.	.		G
6144	16 30 30	+ 5 23	− 7 30	−13	6.39 H	.	A7Ib	−0.019	−0.017	.	+ 2V?	.	.		
6145	16 31 22	+ 6 8	−26 32	−13	6.22 H	.	K0	−0.030	−0.041	.		.	.		
6146	16 28 38	+ 3 17	+41 53	−13	4.4 H	.	M6III	+0.025	−0.008	+.018	+ 3	.	.		
6147	16 31 8	+ 5 43	−16 37	−13	4.28	+0.92	G8III	−0.053	−0.041	+.009	− 34	8.5	34.4		
6148	16 30 13	+ 4 18	+21 29	−13	2.83 R	.	G8III	−0.103	−0.022	+.017	− 26V	.	.		R
6149	16 30 55	+ 5 3	+ 1 59	−13	3.81BR	.	A1V	−0.027	−0.085	+.001	− 15V	2.1	1.8	4	D
6150	16 28 43	+ 2 33	+51 25	−13	6.21 R	.	gK1	+0.024	−0.004	.	− 16	6.6	6.0		2

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
6151	θ TRA	−65 3331	148890	22264	3756.	9525			16 26 7	−65 17	323 32	−12 3
6152		+20 3283	148897	22202	3757.	9501		VAR?	16 26 13	+20 42	37 48	+39 50
6153	9 ω OPH	−21 4381	148898	22221	3759.	9511			16 26 12	−21 15	356 18	+17 50
6154		+22 2983	149009	22216	.	9510			16 26 57	+22 25	40 0	+40 13
6155	μ NOR	−43 10900	149038	22258	.	9522			16 26 59	−43 50	339 23	+ 2 31
6156	34 HER	+49 2514	149081	22211	.	9506			16 27 21	+49 11	75 52	+43 0
6157		+35 2828	149084	22224	.	9513			16 27 23	+35 27	57 4	+42 56
6158	28 HER	+ 5 3223	149121	22244	.	9515			16 27 40	+ 5 44	21 0	+33 16
6159	29 HER	+11 3008	149161	22250	3761.	9516			16 27 55	+11 42	27 28	+35 59
6160		−44 10964	149174	22275	.				16 27 56	−45 2	338 37	+ 1 35
6161	15 DRA	+69 850	149212	22194	3763.	9494			16 28 11	+68 59	101 7	+37 52
6162		+45 2422	149303	22251	.	9517	10105		16 28 47	+45 49	71 15	+43 1
6163	β APS	−77 1221	149324	22370	3765.	9567	I		16 28 47	−77 18	314 12	−20 3
6164		−42 11399	149404	22304	.	9539			16 29 20	−42 39	340 32	+ 3 1
6165	23 τ SCO	−27 11015	149438	22303	3767.1	9538			16 29 39	−28 1	351 31	+12 49
6166		−34 11112	149447	22311	3768.	9541		VAR?	16 29 48	−35 3	346 13	+ 8 6
6167		−60 6594	149485	22334	.				16 30 2	−60 47	327 14	− 9 22
6168	35 σ HER	+42 2724	149630	22296	3772.	9535		VAR?	16 30 53	+42 39	66 55	+42 42
6169		+17 3053	149632	22314	.	9542			16 30 57	+17 15	34 10	+37 34
6170		+61 1598	149650	22281	.	9529			16 31 1	+61 2	91 19	+40 12
6171	12 OPH	− 2 4211	149661	22321	3773.	9544			16 31 6	− 2 7	13 43	+28 26
6172	η^1 TRA	−68 2789	149671	22379	.				16 31 4	−68 6	321 42	−14 17
6173		+79 498	149681	22205	3774.	9503			16 31 17	+79 11	112 19	+33 16
6174		−43 10959	149711	22347	.	9558	I		16 31 22	−43 12	340 23	+ 2 22
6175	13 ζ OPH	−10 4350	149757	22332	3775.	9547			16 31 39	−10 22	6 17	+23 36
6176		+15 3029	149822	22335	.	9548			16 32 10	+15 42	32 31	+36 42
6177		−60 6603	149837	22383	.				16 32 3	−60 15	327 48	− 9 11
6178		−36 10879	149886	22368	.		I		16 32 24	−37 1	345 6	+ 6 23
6179		− 6 4467	149911	22360	.				16 32 40	− 6 20	10 2	+25 45
6180		+72 734	150010	22290	3781.	9534			16 33 0	+72 49	105 19	+35 59
6181		+13 3177	150012	22361	.	9563			16 33 12	+13 54	30 36	+35 45
6182		−67 3196	150026	22435	.				16 33 15	−67 14	322 31	−13 52
6183		+46 2194	150030	22344	.	9555			16 33 16	+46 49	72 34	+42 12
6184	16 DRA	+53 1875	150100	22351	.	9559	10129C		16 33 49	+53 6	80 57	+41 29
6185	17 DRA	+53 1876	150117	22352	.	9560	10129A		16 33 52	+53 8	80 59	+41 29
6186	17 DRA	+53 1876	150118		.		10129B		16 33 52	+53 8	80 59	+41 29
6187		−48 11070	150136	22419	.	9578	IA		16 33 51	−48 34	336 43	− 1 34
6188		−49 10890	150168	22425	.				16 34 6	−49 27	336 5	− 2 11
6189		− 9 4430	150177	22394	.				16 34 11	− 9 21	7 34	+23 42
6190		−20 4537	150259	22421	.				16 34 41	−20 13	358 27	+16 58
6191		+77 627	150275	22301	3786.	9537			16 34 56	+77 39	110 35	+33 49
6192		−32 11913	150331	22444	.				16 35 17	−32 57	348 34	+ 8 39
6193		−24 12765	150366	22447	.				16 35 32	−24 16	355 20	+14 15
6194	36 HER	+ 4 3234	150379	22428	.	9581	10149B		16 35 37	+ 4 24	20 47	+30 53
6195	37 HER	+ 4 3235	150378	22430	3788.	9582	10149A		16 35 41	+ 4 25	20 49	+30 53
6196		−17 4618	150416	22449	3789.	9589			16 35 47	−17 33	0 49	+18 26
6197		−45 10858	150421	22465	.				16 35 46	−45 53	338 55	+ 0 1
6198		+63 1289	150429	22382	.	9569			16 35 55	+63 17	93 55	+39 2
6199		+56 1907	150449	22398	3791.	9572			16 35 59	+56 13	84 57	+40 40
6200	42 HER	+49 2531	150450	22412	3792.	9575	10144		16 36 2	+49 7	75 36	+41 35

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
6151	16 35 45	+ 9 38	−65 30	−13	5.51	+0.93	gG9	+0.029	−0.046	+.008	+ 10	.	.		
6152	16 30 34	+ 4 21	+20 29	−13	5.16 R	.	G8IIp	−0.080	−0.070	+.000	+ 18	.	.		
6153	16 32 8	+ 5 56	−21 28	−13	4.46	+0.12	A p	+0.013	+0.030	+.030	+ 3	.	.		
6154	16 31 14	+ 4 17	+22 12	−13	5.80 R	.	gK5	−0.014	−0.004	.	− 26	.	.		
6155	16 34 5	+ 7 6	−44 3	−13	4.87	+0.10	B0Ia	−0.012	−0.010	.	+ 5V?	.	.		G
6156	16 30 6	+ 2 45	+48 58	−13	6.22 R	.	A0	−0.051	−0.069	.	− 8	.	.		
6157	16 31 3	+ 3 40	+35 14	−13	6.32 R	.	K5	+0.006	−0.032	.	+ 24	.	.		
6158	16 32 35	+ 4 55	+ 5 31	−13	5.52 R	−0.05	B8	+0.015	−0.005	.	− 27	.	.		
6159	16 32 36	+ 4 41	+11 29	−13	4.85	+1.50	K4III	−0.179	−0.084	−.011	+ 3	.	.		
6160	16 35 7	+ 7 11	−45 15	−13	6.42 H	.	K0	−0.028	−0.079	.		.	.		
6161	16 27 59	− 0 12	+68 46	−13	4.94 R	−0.05	B9IV	−0.027	+0.031	+.031	− 7	.	.		
6162	16 31 48	+ 3 1	+45 36	−13	5.60BR	.	dF9	−0.008	+0.036	.022D	− 16	2.5	16.7		2
6163	16 43 4	+ 14 17	−77 31	−13	4.23	+1.06	K0III	−0.284	−0.350	+.027	− 31	8.4	51.3		G
6164	16 36 22	+ 7 2	−42 51	−12	5.58 H	.	O9	−0.009	−0.014	.	− 48V?	.	.		
6165	16 35 53	+ 6 14	−28 13	−12	2.82	+0.26	B0V	−0.011	−0.028	+.014	− 1	.	.		G
6166	16 36 23	+ 6 35	−35 15	−12	4.15	+1.57	gK6	+0.020	−0.004	+.016	− 2V	.	.		
6167	16 38 53	+ 8 51	−60 59	−12	6.24 H	.	B8V	−0.004	−0.029	.		.	.		
6168	16 34 6	+ 3 13	+42 27	−12	4.23 R	.	B9V	−0.012	+0.039	+.003	− 11	.	.		
6169	16 35 26	+ 4 29	+17 3	−12	6.29 R	+0.05	A2V	−0.006	−0.007	.	− 9V	.	.		*
6170	16 32 26	+ 1 25	+60 49	−13	5.78 R	.	A0	+0.015	−0.016	.	− 14	.	.		
6171	16 36 21	+ 5 15	− 2 20	−13	5.74	+0.81	K0V	+0.451	−0.317	+.087	− 15	.	.		N
6172	16 41 23	+ 10 19	−68 18	−12	5.90	−0.08	B7IV	−0.003	−0.017	.		.	.		
6173	16 25 43	− 5 34	+78 58	−13	5.48 R	.	A3	−0.113	+0.109	+.028	− 12	.	.		
6174	16 38 26	+ 7 4	−43 24	−12	6.14 H	.	B3IV	−0.024	−0.032	.	+ 2	3.1	16.4		3
6175	16 37 9	+ 5 30	−10 34	−12	2.56	+0.02	O9.5V	+0.010	+0.020	−.007	− 19V	.	.		
6176	16 36 43	+ 4 33	+15 30	−12	6.28 R	−0.11	A p	−0.012	−0.014	.	+ 0	.	.		
6177	16 40 50	+ 8 47	−60 27	−12	6.24 H	.	dF6	+0.050	−0.076	.		.	.		
6178	16 39 6	+ 6 42	−37 13	−12	6.10 H	.	A0	−0.019	−0.036	.		5.1	30.9	3	D
6179	16 38 1	+ 5 21	− 6 32	−12	6.00 H	.	A0	−0.006	−0.010	.		.	.		
6180	16 31 28	− 1 32	+72 37	−12	6.32	+1.32	K0	−0.046	+0.038	+.010	− 33	.	.		
6181	16 37 48	+ 4 36	+13 42	−12	6.20 R	.	F2	−0.038	−0.063	.	− 21	.	.		
6182	16 43 22	+ 10 7	−67 26	−12	6.02	+0.02	A0	+0.015	−0.042	.		.	.		
6183	16 36 11	+ 2 55	+46 37	−12	5.84 R	.	gG6	−0.015	+0.004	.	− 15	.	.		
6184	16 36 11	+ 2 22	+52 54	−12	5.65 R	.	A0	−0.011	+0.027	.010D	− 9	.0	90.6	4	D
6185	16 36 14	+ 2 22	+52 56	−12	5.56 H	.	A0	−0.011	+0.021	.010D	− 11V?	.0	90.6	4	D
6186	16 36 14	+ 2 22	+52 56	−12	6.58 H	.	A0	.	.	.010D	− 18	1.0	4.2	4	D
6187	16 41 20	+ 7 29	−48 46	−12	5.90 H	.	O7?	−0.012	−0.007	.007D	+ 23V	1.5	9.9	6	*
6188	16 41 40	+ 7 34	−49 39	−12	5.65	−0.03	B1II	+0.003	+0.005	.	+ 6V	.	.		
6189	16 39 39	+ 5 28	− 9 33	−12	6.38 H	.	F5	+0.001	−0.151	.		.	.		
6190	16 40 35	+ 5 54	−20 25	−12	6.46 H	.	gG9	+0.011	+0.027	.		.	.		
6191	16 30 38	− 4 18	+77 27	−12	6.34	+1.00	K1III	−0.100	+0.271	+.016	− 32	.	.		G
6192	16 41 45	+ 6 28	−33 9	−12	5.85	+0.66	gG2	−0.060	−0.088	.	− 8	.	.		
6193	16 41 36	+ 6 4	−24 28	−12	6.06	+0.22	A5m?	−0.057	−0.016	.	− 46	.	.		
6194	16 40 35	+ 4 58	+ 4 12	−12	6.86 H	.	dA5	−0.006	−0.016	.	− 31	.7	70.1	3	D
6195	16 40 39	+ 4 58	+ 4 13	−12	5.73 H	.	A0	−0.004	−0.018	−.002	− 34	.7	70.1	3	D
6196	16 41 34	+ 5 47	−17 45	−12	5.04 H	.	G8II	−0.021	−0.005	+.038	− 25	.	.		
6197	16 43 3	+ 7 17	−46 5	−12	6.28 H	.	F5	−0.021	−0.023	.		.	.		
6198	16 36 55	+ 1 0	+63 5	−12	6.29 R	.	K5	+0.001	−0.091	.	− 42	.	.		
6199	16 38 0	+ 2 1	+56 1	−12	5.30 R	.	K1III	+0.000	+0.065	+.014	− 19V?	.	.		
6200	16 38 45	+ 2 43	+48 55	−12	5.92 R	.	gM2	−0.043	+0.030	+.017	− 55	6.7	25.0		1

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
6201		− 0 3168	150451	22448	.				16 36 2	− 0 48	15 44	+28 7
6202		−19 4406	150453	22453	.	9596	B		16 36 1	−19 44	359 3	+17 2
6203		+12 3063	150483	22446	.	9587			16 36 12	+12 35	29 30	+34 32
6204		−66 3009	150549	22513	3794.	9617	I		16 36 36	−66 55	322 59	−13 55
6205	14 OPH	+ 1 3290	150557	22460	3795.	9598			16 36 39	+ 1 22	17 55	+29 7
6206		−40 10649	150573	22475	.		I		16 36 49	−40 56	342 45	+ 3 8
6207		−52 10161	150576	22493	.		I		16 36 45	−52 58	333 44	− 4 50
6208		+25 3115	150580	22452	.	9595			16 36 52	+25 3	44 7	+38 49
6209		−40 10653	150591	22481	.	9610	I		16 36 57	−40 55	342 47	+ 3 8
6210		−37 10942	150608	22479	.		I		16 37 2	−37 58	345 0	+ 5 4
6211		−31 13161	150638	22482	.				16 37 13	−31 55	349 38	+ 9 1
6212	40 ζ HER	+31 2884	150680	22464	3799.	9600	10157	VAR?	16 37 31	+31 47	52 39	+40 17
6213	39 HER	+27 2668	150682	22468	.	9602			16 37 33	+27 7	46 44	+39 14
6214		−40 10661	150742	22505	.	9614			16 37 47	−40 39	343 5	+ 3 11
6215		−58 6889	150745	22524	.	9622			16 37 49	−58 19	329 46	− 8 28
6216		−27 11103	150768	22503	.		10173		16 38 5	−27 16	353 21	+11 53
6217	α TRA	−68 2822	150798	22558	3802.	9640			16 38 4	−68 51	321 32	−15 15
6218		−28 12358	150894	22520	.		R6020		16 38 45	−28 19	352 38	+11 6
6219		−58 6893	150898	22549	.	9633			16 38 48	−58 9	329 59	− 8 28
6220	44 η HER	+39 3029	150997	22502	3803.	9613			16 39 28	+39 7	62 18	+40 55
6221		−39 10677	151078	22559	.				16 39 57	−39 12	344 27	+ 3 50
6222		+34 2830	151087	22522	.	9621			16 40 10	+34 13	55 55	+40 10
6223	18 DRA	+64 1145	151101	22489	3807.	9611			16 40 13	+64 47	95 35	+38 9
6224	16 OPH	+ 1 3298	151133	22546	.	9631			16 40 25	+ 1 12	18 19	+28 14
6225	25 SCO	−25 11667	151179	22570	.	9644			16 40 44	−25 21	355 15	+12 39
6226		+55 1872	151199	22521	.	9620			16 40 56	+55 52	84 21	+40 3
6227		+16 3013	151203	22553	3811.	9635		VAR?	16 40 51	+15 56	33 47	+34 52
6228	43 HER	+ 8 3271	151217	22560	3813.	9641			16 41 2	+ 8 46	26 2	+31 47
6229	η ARA	−58 6906	151249	22606	3814.	9660	R6042		16 41 9	−58 52	329 38	− 9 9
6230		+43 2642	151388	22564	.	9642			16 42 4	+43 24	67 59	+40 40
6231		−67 3232	151404	22645	.				16 42 3	−67 30	322 52	−14 42
6232	19 OPH	+ 2 3175	151431	22592	.	9653	10207		16 42 7	+ 2 15	19 35	+28 24
6233		−65 3365	151441	22641	.	9670			16 42 11	−65 12	324 43	−13 16
6234	45 HER	+ 5 3272	151525	22605	3819.	9659			16 42 51	+ 5 26	22 51	+29 49
6235		−14 4486	151527	22608	.				16 42 46	−14 44	4 15	+18 49
6236		−49 10998	151566	22633	.		IA		16 42 58	−49 52	336 43	− 3 32
6237		+57 1702	151613	22584	3821.	9650			16 43 24	+56 58	85 41	+39 32
6238		+79 511	151623	22491	3822.	9612			16 43 34	+79 6	111 55	+32 48
6239		+13 3225	151627	22616	.	9664			16 43 32	+13 46	31 42	+33 24
6240		−15 4395	151676	22631	.				16 43 45	−15 30	3 45	+18 10
6241	26 ϵ SCO	−34 11285	151680	22640	3823.	9669		VAR?	16 43 41	−34 7	348 49	+ 6 34
6242		+42 2749	151732	22611	.	9662			16 44 8	+42 25	66 43	+40 15
6243	20 OPH	−10 4394	151769	22643	3826.	9671			16 44 18	−10 36	8 2	+20 56
6244		−37 11023	151771	22658	.		I		16 44 16	−37 20	346 25	+ 4 24
6245		−41 10957	151804	22669	.	9680			16 44 35	−41 4	343 36	+ 1 57
6246		+13 3233	151862	22648	.	9673	10225		16 44 58	+13 26	31 30	+32 57
6247	μ^1 SCO	−37 11033	151890	22677	.	9682		μ^1 SCO	16 45 6	−37 53	346 6	+ 3 55
6248		− 2 4259	151900	22661	.				16 45 9	− 2 29	15 30	+25 17
6249		−41 10972	151932	22684	.	9686			16 45 18	−41 41	343 13	+ 1 27
6250	47 HER	+ 7 3256	151956	22664	3829.	9678			16 45 28	+ 7 25	25 14	+30 11

BS= HR	RA (2000)	$\Delta\alpha$ 100 YR	DEC (2000)	$\Delta\delta$ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
6201	16 41 11	+ 5 9	− 1 0	−12	6.26 H	.	A5	+0.003	−0.020	.		.	.		
6202	16 41 54	+ 5 53	−19 56	−12	5.60 H	.	dF6	+0.021	+0.034	.	+ 5	8.0	22.6		
6203	16 40 51	+ 4 39	+12 23	−12	5.94 R	+0.05	A2V	−0.029	−0.016	.	− 27	.	.		
6204	16 46 40	+ 10 4	−67 6	−11	5.12	−0.08	A si	−0.011	−0.020	+.000	− 2	6.5	30.		
6205	16 41 43	+ 5 4	+ 1 11	−11	5.77 R	.	dF2	−0.108	+0.048	+.030	− 45	.	.		
6206	16 43 45	+ 6 56	−41 7	−11	6.29 H	.	A3	−0.049	−0.019	.		.1	957.		D
6207	16 44 39	+ 7 54	−53 9	−11	5.97 H	.	K0	−0.015	−0.009	.		5.5	40.		
6208	16 41 1	+ 4 9	+24 51	−12	6.06 R	.	K2	−0.030	+0.000	.	− 68	.	.		
6209	16 43 53	+ 6 56	−41 6	−11	6.17 H	.	B8	−0.028	−0.016	.	− 2	.1	95.7		D
6210	16 43 48	+ 6 46	−38 9	−11	6.16 H	.	A0	−0.012	−0.054	.		6.3	50.		
6211	16 43 39	+ 6 26	−32 6	−11	6.55 H	.	B9	−0.013	−0.021	.		.	.		
6212	16 41 17	+ 3 46	+31 36	−11	2.82	+0.64	G0IV	−0.470	+0.385	+.110	− 70V	3.5	1.7		*
6213	16 41 36	+ 4 3	+26 55	−12	5.90 R	.	dF2	−0.001	−0.049	.	− 12V	.	.		R
6214	16 44 42	+ 6 55	−40 50	−11	5.68 H	.	B3n	−0.028	−0.030	.	+ 12	.	.		
6215	16 46 21	+ 8 32	−58 30	−11	5.94 H	.	B3	−0.008	−0.022	.	− 16	.	.		
6216	16 44 17	+ 6 12	−27 27	−11	6.38 H	.	A0	−0.019	−0.014	.012D		5.0	2.1	3	D
6217	16 48 40	+ 10 36	−69 2	−11	1.91	+1.44	K4III	+0.023	−0.037	+.024	− 4	.	.		
6218	16 45 0	+ 6 15	−28 30	−11	5.96 H	.	A2	−0.029	−0.006	.		7.7	5.6		
6219	16 47 19	+ 8 31	−58 20	−11	5.54	−0.06	B0Iab	−0.019	−0.026	.	− 51	.	.		
6220	16 42 54	+ 3 26	+38 56	−11	3.47 R	.	G7III-IV	+0.035	−0.090	+.053	+ 8	.	.		
6221	16 46 47	+ 6 50	−39 23	−11	5.52 H	.	gG8	−0.035	−0.037	.		.	.		
6222	16 43 51	+ 3 41	+34 2	−11	5.84 R	.	dF0	−0.073	+0.048	.	− 10	.	.		
6223	16 40 55	+ 0 42	+64 36	−11	4.83 R	.	K1p	+0.001	−0.019	+.008	+ 0	.	.		
6224	16 45 30	+ 5 5	+ 1 1	−11	5.96 R	−0.01	B9	−0.001	+0.008	.	− 14V	.	.		
6225	16 46 51	+ 6 7	−25 32	−11	6.57 H	.	gG6	−0.005	−0.021	.	+ 2	.	.		
6226	16 42 59	+ 2 3	+55 41	−11	6.16	+0.07	A p	+0.048	+0.079	.	− 46V?	.	.		
6227	16 45 23	+ 4 32	+15 45	−11	5.64 R	.	gM3	+0.025	−0.050	+.019	− 19	.	.		
6228	16 45 50	+ 4 48	+ 8 35	−11	5.16 R	.	K5III	−0.003	+0.010	+.007	− 21	.	.		
6229	16 49 47	+ 8 38	−59 3	−11	3.75	+1.58	K5III	+0.039	−0.037	+.017	+ 9	9.8	25.7		
6230	16 45 12	+ 3 8	+43 13	−11	5.96 R	.	gK4	−0.020	−0.052	.	− 13	.	.		6
6231	16 52 17	+ 10 14	−67 41	−11	6.31	+1.28	gK2	−0.070	−0.068	.		.	.		
6232	16 47 9	+ 5 2	+ 2 4	−11	5.98BR	.	A2	−0.019	−0.015	.	− 6V	3.3	23.2		5
6233	16 51 54	+ 9 43	−65 22	−10	6.12	−0.02	B8	−0.008	−0.015	.	− 10	.	.		
6234	16 47 46	+ 4 55	+ 5 15	−11	5.24	−0.02	A p	−0.022	−0.042	+.009	− 16V	.	.		
6235	16 48 27	+ 5 41	−14 55	−11	6.12 H	.	A0	−0.025	−0.006	.		.	.		
6236	16 50 36	+ 7 38	−50 3	−11	7.30 H	.	g?A8	−0.023	−0.027	.008D		.1	3.0		2
6237	16 45 18	+ 1 54	+56 47	−11	4.81 R	.	F2V	+0.019	+0.062	+.042	+ 0V	.	.		R
6238	16 37 53	− 5 41	+78 55	−11	6.26 R	.	gG9	−0.022	+0.033	+.044	− 20	.	.		
6239	16 48 9	+ 4 37	+13 35	−11	6.19 R	.	gG7	+0.012	−0.022	.	+ 1V?	.	.		
6240	16 49 28	+ 5 43	−15 40	−10	6.11 H	.	A3	+0.010	+0.025	.		.	.		
6241	16 50 10	+ 6 29	−34 18	−11	2.28	+1.15	K2III-IV	−0.613	−0.256	+.049	− 3	.	.		
6242	16 47 20	+ 3 12	+42 14	−11	5.98 R	.	M4	−0.002	−0.029	.	− 7	.	.		
6243	16 49 50	+ 5 32	−10 47	−11	4.64	+0.47	F5IV-V	+0.090	−0.100	+.013	− 1	.	.		
6244	16 51 0	+ 6 44	−37 30	−10	6.22 H	.	A p	−0.031	−0.013	.006D		1.9	7.2		2
6245	16 51 33	+ 6 58	−41 14	−10	5.47	+0.09	O8f	−0.001	−0.005	.	− 63	.	.		G
6246	16 49 35	+ 4 37	+13 16	−10	5.95 R	+0.03	A1V	−0.034	−0.027	.013D	− 23V?	4.8	5.7		2
6247	16 51 52	+ 6 46	−38 3	−10	3.14	−0.21	B1.5V	−0.014	−0.030	.	− 25V	.5	346.		*
6248	16 50 22	+ 5 13	− 2 39	−10	6.32 H	.	F2	+0.006	−0.035	.		.	.		
6249	16 52 19	+ 7 1	−41 51	−10	6.45	+0.31	WN7	−0.020	−0.005	.	+ 25	.	.		G
6250	16 50 19	+ 4 51	+ 7 15	−10	5.46 R	.	A m	+0.049	−0.015	+.021	− 4	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
6251		−57 8157	151967	22712	.				16 45 31	−57 45	330 52	− 8 53
6252	μ^2 SCO	−37 11037	151985	22691	.	9690			16 45 34	−37 51	346 12	+ 3 52
6253		−63 4032	152082	22739	.		I		16 46 5	−63 6	326 41	−12 18
6254	52 HER	+46 2220	152107	22662	3830.	9677	10227		16 46 19	+46 9	71 36	+39 58
6255	21 OPH	+ 1 3323	152127	22688	3831.	9688	10230		16 46 21	+ 1 23	19 21	+27 3
6256		+43 2654	152153	22671	.	9681			16 46 34	+43 36	68 17	+39 52
6257		−42 11627	152161	22725	.				16 46 37	−42 53	342 28	+ 0 29
6258	50 HER	+30 2884	152173	22682	.	9684			16 46 45	+29 59	50 55	+37 58
6259		+32 2795	152224	22685	.	9687			16 46 57	+32 44	54 21	+38 30
6260		−41 11024	152234	22733	.	9706	I		16 47 1	−41 38	343 28	+ 1 14
6261		−41 11021	152235	22729	.	9703			16 46 57	−41 50	343 18	+ 1 7
6262		−42 11633	152236	22730	.	9704		VAR?	16 46 56	−42 12	343 1	+ 0 53
6263		−41 11036	152249	22737	.	9710			16 47 10	−41 41	343 27	+ 1 11
6264		+42 2753	152262	22694	.	9691			16 47 24	+42 4	66 18	+39 38
6265		−41 11041	152270	22742	.	9713	I		16 47 19	−41 39	343 29	+ 1 11
6266		−42 11642	152293	22748	.				16 47 23	−42 19	342 59	+ 0 44
6267		+77 634	152303	22604	3833.	9658	10214		16 47 33	+77 41	110 17	+33 11
6268	49 HER	+15 3066	152308	22714	.	9698			16 47 32	+15 9	33 41	+33 5
6269		−20 4572	152311	22731	.	9705			16 47 31	−20 15	0 22	+14 35
6270	51 HER	+24 3069	152326	22708	3835.	9697			16 47 37	+24 49	44 44	+36 25
6271	ζ SCO	−42 11646	152334	22751	3834.	9719			16 47 33	−42 11	343 6	+ 0 48
6272		−40 10919	152408	22768	.	9723	I		16 48 0	−41 0	344 4	+ 1 30
6273		−30 13594	152431	22765	.				16 48 13	−30 25	352 19	+ 8 10
6274		−50 10905	152478	22790	.	9738			16 48 26	−50 31	336 47	− 4 38
6275		−52 10333	152527	22794	.				16 48 37	−52 7	335 33	− 5 40
6276		−69 2666	152564	22837	.				16 48 50	−69 7	321 56	−16 11
6277		− 1 3268	152569	22773	.	9727	R6077		16 49 0	− 1 27	17 2	+25 1
6278		−11 4231	152585	22781	.				16 49 6	−11 38	7 52	+19 23
6279	53 HER	+31 2925	152598	22752	3839.	9720			16 49 11	+31 52	53 24	+37 52
6280	23 OPH	− 5 4374	152601	22783	3840.	9733			16 49 15	− 5 59	12 53	+22 32
6281	25 ι OPH	+10 3092	152614	22775	3840.1	9728		VAR?	16 49 17	+10 20	28 44	+30 40
6282		−33 11570	152636	22801	.	9741			16 49 26	−33 21	350 11	+ 6 7
6283		−40 10975	152667	22813	.	9750		VAR?	16 49 38	−40 40	344 31	+ 1 28
6284		−16 4371	152781	22815	.	9752	B		16 50 15	−16 39	3 45	+16 14
6285	ζ ARA	−55 7766	152786	22845	3847.	9763			16 50 21	−55 50	332 48	− 8 12
6286		+47 2400	152812	22782	.	9732			16 50 30	+47 34	73 26	+39 15
6287		+21 3002	152815	22802	3849.	9742			16 50 37	+21 7	40 41	+34 36
6288	27 SCO	−33 11590	152820	22830	.				16 50 40	−33 6	350 32	+ 6 5
6289		−50 10924	152824	22841	.	9761			16 50 35	−50 29	337 1	− 4 52
6290		+13 3258	152830	22808	.	9746			16 50 40	+13 47	32 34	+31 50
6291	24 OPH	−22 4249	152849	22824	.		10265		16 50 46	−22 59	358 36	+12 20
6292	56 HER	+25 3156	152863	22810	.	9747	10259		16 50 57	+25 53	46 16	+36 1
6293	54 HER	+18 3266	152879	22816	3851.	9753	10262		16 50 58	+18 36	37 52	+33 38
6294		−19 4471	152909	22835	.		10266A		16 51 11	−19 23	1 37	+14 25
6295	ϵ^1 ARA	−52 10372	152980	22869	3852.	9777			16 51 37	−53 0	335 9	− 6 34
6296		−10 4417	153021	22848	.				16 51 54	−10 49	8 59	+19 17
6297		−54 7947	153053	22878	.		I		16 51 59	−54 27	334 2	− 7 31
6298		−37 11131	153072	22867	.		B		16 52 6	−37 28	347 19	+ 3 7
6299	27 κ OPH	+ 9 3298	153210	22862	3855.	9775		κ OPH	16 52 56	+ 9 32	28 22	+29 31
6300		−48 11360	153221	22895	.		I		16 52 54	−48 30	338 48	− 3 55

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
6251	16 54 0	+ 8 29	−57 55	−10	5.93	+1.59	M0III	−0.034	−0.132	.	− 41	.	.		
6252	16 52 20	+ 6 46	−38 1	−10	3.56	−0.22	B2IV	−0.013	−0.028	.	+ 2V?	.5	346.		*
6253	16 55 25	+ 9 20	−63 16	−10	6.14 H	.	A0	+0.009	−0.029	.		7.6	7.		
6254	16 49 15	+ 2 56	+45 59	−10	4.81	+0.09	A p	+0.023	−0.062	+.004	− 1	4.5	1.8	5	*
6255	16 51 25	+ 5 4	+ 1 13	−10	5.42 R	.	A0	−0.027	−0.009	+.008	− 26	1.9	.9		2
6256	16 49 40	+ 3 6	+43 26	−10	6.24 R	.	K0	−0.022	−0.014	.	− 20	.	.		
6257	16 53 43	+ 7 6	−43 3	−10	5.67 H	.	gM4	−0.019	−0.032	.		.	.		
6258	16 50 39	+ 3 54	+29 49	−10	5.66 R	.	gM1	−0.008	−0.006	.	− 10V?	.	.		
6259	16 50 43	+ 3 46	+32 34	−10	6.13 R	.	K0III	+0.015	+0.039	.	− 30	.	.		6
6260	16 54 2	+ 7 1	−41 48	−10	5.34 H	.	B0.5Ia	−0.010	−0.012	.	− 6V?	7.7	20.9	3	G
6261	16 53 59	+ 7 2	−42 0	−10	6.30	+0.55	B1I	−0.004	−0.022	.	− 36	.	.		G
6262	16 53 59	+ 7 3	−42 22	−10	4.80	+0.44	B1Iae	+0.001	−0.008	.	− 26V	.	.		G
6263	16 54 11	+ 7 1	−41 51	−10	6.48	+0.20	B0Iab	+0.009	−0.043	.	− 24V	.	.		G
6264	16 50 36	+ 3 12	+41 54	−10	6.16 R	.	gK3	−0.078	+0.064	.	− 37	.	.		
6265	16 54 20	+ 7 1	−41 49	−10	6.61	+0.30	WC7+O8	−0.013	−0.015	.	− 44	3.3	7.8		*
6266	16 54 27	+ 7 4	−42 29	−10	5.86	+0.64	gF4	−0.006	−0.009	.		.	.		
6267	16 43 6	− 4 27	+77 31	−10	5.96BR	.	dF1	+0.050	+0.206	+.027	+ 7	3.3	3.1		3
6268	16 52 5	+ 4 33	+14 59	−10	6.38 R	−0.05	A p	+0.012	−0.002	.	− 23	.	.		
6269	16 53 25	+ 5 54	−20 25	−10	5.91 H	.	dG3	−0.051	−0.035	.	− 17	.	.		
6270	16 51 46	+ 4 9	+24 39	−10	5.06 R	.	K2II-III	+0.011	+0.004	+.010	− 16	.	.		
6271	16 54 35	+ 7 2	−42 21	−10	3.62	+1.38	K5III	−0.127	−0.237	+.021	− 19	.	.		
6272	16 54 58	+ 6 58	−41 10	−10	5.79	+0.19	O8fp	−0.019	−0.016	.	−138	6.5	5.0		G
6273	16 54 36	+ 6 23	−30 35	−10	6.33 H	.	A5	+0.037	−0.004	.		.	.		
6274	16 56 9	+ 7 43	−50 41	−10	6.32	−0.02	B3ne	−0.010	−0.023	.	+ 28	.	.		
6275	16 56 29	+ 7 52	−52 17	−10	6.16 H	.	A0	−0.049	−0.050	.	− 6	.	.		
6276	16 59 34	+ 10 44	−69 16	− 9	5.78	−0.10	A0	−0.018	−0.020	.		.	.		
6277	16 54 11	+ 5 11	− 1 37	−10	6.21 H	.	F0	+0.012	−0.076	.	− 20	7.3	16.6	3	D
6278	16 54 40	+ 5 34	−11 48	−10	6.47 H	.	A0	+0.018	−0.019	.		.	.		
6279	16 52 58	+ 3 47	+31 42	−10	5.28 R	.	dA8	−0.099	−0.026	+.009	− 22	.	.		
6280	16 54 36	+ 5 21	− 6 9	−10	5.35 H	.	K2III	−0.039	−0.023	+.005	− 17	.	.		
6281	16 54 1	+ 4 44	+10 10	−10	4.28 R	−0.08	B8V	−0.053	−0.041	+.025	− 21V	.	.		R
6282	16 55 58	+ 6 32	−33 31	−10	6.36	+1.71	K2	+0.021	−0.008	.	− 92	.	.		
6283	16 56 36	+ 6 58	−40 50	−10	6.20	+0.28	B0Iap?	+0.002	−0.012	.	+ 51V	.	.		G
6284	16 56 1	+ 5 46	−16 49	−10	6.49 H	.	sgK2	+0.079	+0.034	.	− 3	7.3	21.4		
6285	16 58 38	+ 8 17	−55 59	− 9	3.12	+1.62	K5III	−0.018	−0.037	+.036	− 6	.	.		
6286	16 53 18	+ 2 48	+47 24	−10	6.17 R	.	K2III	−0.040	+0.099	.	− 63	.	.		
6287	16 54 56	+ 4 19	+20 57	−10	5.30 R	.	G8III	+0.053	−0.002	−.002	− 3	.	.		
6288	16 57 11	+ 6 31	−33 16	−10	5.47	+1.59	K5	−0.010	−0.010	.		.	.		
6289	16 58 18	+ 7 43	−50 39	−10	5.70 H	.	B9	−0.018	−0.054	.	− 44	.	.		
6290	16 55 16	+ 4 36	+13 37	−10	6.09 R	.	F2	+0.029	−0.042	.	− 5V	.	.		R
6291	16 56 48	+ 6 2	−23 9	−10	5.60 H	.	A0	−0.006	−0.006	.009D		2.1	.8		2
6292	16 55 3	+ 4 6	+25 43	−10	6.08	+0.92	G5III	+0.011	−0.026	.	+ 1	4.5	18.6		*
6293	16 55 22	+ 4 24	+18 26	−10	5.35	+1.41	K4III	−0.112	+0.008	+.016	+ 12	7.3	3.0		3
6294	16 57 4	+ 5 53	−19 33	−10	6.14 H	.	B8	−0.011	−0.022	.008D		2.0	6.0		2
6295	16 59 35	+ 7 58	−53 9	− 9	4.05	+1.45	K3III	+0.000	+0.011	+.000	+ 23	.	.		
6296	16 57 26	+ 5 32	−10 59	−10	6.15	+1.00	G8III-IV	+0.016	−0.087	.	−102	.	.		
6297	17 0 6	+ 8 7	−54 36	− 9	5.64	+0.20	A2	−0.017	−0.068	.		6.1	20.2		
6298	16 58 52	+ 6 46	−37 37	− 9	6.08	+0.19	A3V	+0.021	−0.065	.018D	− 27	.2	.2		D
6299	16 57 44	+ 4 48	+ 9 23	− 9	3.31VR	.	K2III	+0.293	−0.014	+.026	− 56	.	.		
6300	17 0 27	+ 7 33	−48 39	− 9	5.99	+0.89	G5	−0.008	−0.082	.	− 29	1.3	.8		2

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
6301		+14 3155	153226	22861	.	9772			16 52 57	+14 2	33 6	+31 26
6302		−14 4509	153229	22875	.				16 53 0	−14 42	5 49	+16 50
6303		−45 11123	153258	22897	.				16 53 15	−45 18	341 21	− 1 58
6304		−58 6964	153261	22916	.				16 53 7	−58 48	330 40	−10 19
6305	57 HER	+25 3166	153287	22866	.	9776			16 53 25	+25 30	46 0	+35 22
6306		+50 2345	153299	22852	.	9769			16 53 33	+50 13	76 50	+38 42
6307		+24 3095	153312	22870	.	9778			16 53 33	+24 32	44 53	+35 3
6308		−24 12997	153336	22898	.	9786			16 53 50	−24 56	357 28	+10 35
6309					.							
6310	26 OPH	−24 13002	153363	22905	.	9788			16 54 2	−24 50	357 34	+10 36
6311		−35 11236	153368	22911	.				16 53 57	−35 47	348 52	+ 3 53
6312		−50 10955	153370	22922	.		I		16 54 0	−50 59	336 58	− 5 36
6313		+42 2774	153472	22882	.	9784			16 54 41	+42 40	67 11	+38 20
6314	ϵ^2 ARA	−53 8316	153580	22956	3859.	9813	I		16 55 9	−53 5	335 25	− 7 3
6315	19 DRA	+65 1157	153597	22871	3860.	9780		VAR?	16 55 29	+65 17	95 41	+36 28
6316		−31 13473	153613	22942	.	9807	R6141		16 55 25	−32 0	352 2	+ 5 59
6317		+ 6 3332	153653	22927	.	9797			16 55 37	+ 6 44	25 53	+27 38
6318	30 OPH	− 4 4215	153687	22937	3862.	9801		VAR?	16 55 47	− 4 4	15 35	+22 12
6319	20 DRA	+65 1159	153697	22881	3863.	9783	10279	VAR?	16 55 55	+65 11	95 33	+36 27
6320		−57 8265	153716	22983	.	9822			16 55 54	−57 34	331 53	− 9 52
6321	29 OPH	−18 4381	153727	22951	.	9811			16 56 0	−18 44	2 51	+13 54
6322	22 ϵ UMI	+82 498	153751	22749	3864.	9717	10242	ϵ UMI	16 56 12	+82 12	115 0	+31 3
6323		−46 11191	153791	22977	.		I		16 56 15	−47 1	340 19	− 3 27
6324	58 ϵ HER	+31 2947	153808	22935	3865.	9800			16 56 28	+31 4	52 51	+36 11
6325		+22 3045	153834	22948	.	9810			16 56 45	+22 47	43 9	+33 48
6326		+15 3095	153882	22960	.	9815	10310	VAR?	16 57 0	+15 5	34 41	+30 57
6327		−37 11201	153890	22991	.				16 57 1	−38 0	347 30	+ 2 1
6328		+27 2738	153897	22957	.	9814			16 57 9	+27 21	48 28	+35 6
6329		+ 8 3337	153914	22971	.	9820	10312		16 57 11	+ 8 36	27 57	+28 9
6330		+56 1934	153956	22938	.	9802			16 57 31	+56 50	85 11	+37 38
6331		−45 11188	154025	23016	.				16 57 47	−45 21	341 48	− 2 37
6332	59 HER	+33 2817	154029	22975	3869.	9821			16 57 55	+33 43	56 8	+36 27
6333		+25 3183	154084	22985	3869.1	9825			16 58 13	+25 39	46 34	+34 23
6334		−33 11706	154090	23019	.	9839	I		16 58 15	−33 59	350 50	+ 4 18
6335		+73 751	154099	22910	.	9789			16 58 16	+73 17	105 3	+34 6
6336		+32 2835	154126	22990	.	9826			16 58 30	+32 2	54 8	+35 59
6337		+14 3179	154143	23002	3872.	9831			16 58 33	+14 14	33 57	+30 16
6338		−43 11396	154153	23038	.				16 58 36	−43 58	342 59	− 1 53
6339		+14 3180	154160	23004	3873.	9832			16 58 38	+14 40	34 25	+30 26
6340		−20 4627	154204	23034	.	9846			16 58 50	−20 21	1 55	+12 24
6341		+13 3292	154228	23014	.	9836			16 59 4	+13 45	33 30	+29 57
6342		+13 3295	154278	23025	.	9842			16 59 22	+13 43	33 30	+29 53
6343		+19 3218	154301	23028	.	9843	10323		16 59 32	+19 50	40 7	+32 11
6344		−37 11274	154310	23056	.		I		16 59 35	−37 5	348 32	+ 2 11
6345		+69 884	154319	22962	3876.	9816			16 59 36	+69 20	100 24	+35 7
6346	61 HER	+35 2911	154356	23029	3879.	9844			16 59 55	+35 33	58 29	+36 24
6347		−35 11306	154368	23063	.	9862	B		16 59 49	−35 19	349 58	+ 3 13
6348		+60 1728	154391	22998	.	9829			17 0 1	+60 47	90 3	+36 48
6349		+ 0 3629	154417	23050	3881.	9855			17 0 11	+ 0 51	20 47	+23 48
6350		−21 4512	154418	23065	.				17 0 13	−21 26	1 13	+11 30

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
6301	16 57 32	+ 4 35	+13 53	− 9	6.38 R	.	K0IV	−0.089	+0.065	.	− 31	.	.		
6302	16 58 41	+ 5 41	−14 51	− 9	6.47 H	.	F2	−0.001	−0.028	.		.	.		
6303	17 0 33	+ 7 18	−45 27	− 9	6.52 H	.	K2	−0.008	−0.005	.		.	.		
6304	17 1 47	+ 8 40	−58 57	− 9	6.10	−0.03	B2Vnnek	−0.003	−0.017	.	− 6	.	.		
6305	16 57 31	+ 4 6	+25 21	− 9	6.55 R	.	gG5	+0.001	+0.008	.	+ 9	.	.		
6306	16 56 6	+ 2 33	+50 4	− 9	6.56 R	.	gM2	−0.024	−0.015	.	− 31	.	.		
6307	16 57 42	+ 4 9	+24 23	− 9	6.23 R	.	K0III	+0.004	−0.031	.	− 22	.	.		
6308	16 59 57	+ 6 7	−25 5	− 9	5.86	+1.60	gM3	−0.005	−0.013	.	− 32	.	.		
6309															
6310	17 0 9	+ 6 7	−24 59	− 9	5.78 H	.	dF4	+0.058	−0.065	.	+ 19	.	.		
6311	17 0 37	+ 6 40	−35 56	− 9	6.04 H	.	gK0	−0.016	−0.073	.		.	.		
6312	17 1 46	+ 7 46	−51 8	− 9	6.44	+0.27	A3	−0.031	−0.042	.		.5	.4		
6313	16 57 50	+ 3 9	+42 31	− 9	6.34	+1.28	K3III	−0.012	−0.059	.	+ 28	.	.		6
6314	17 3 8	+ 7 59	−53 14	− 9	5.36 H	.	dF7	−0.007	−0.148	+.032	+ 7	7.6	25.		
6315	16 56 2	+ 0 33	+65 8	− 9	4.88	+0.48	F6V	+0.237	+0.044	+.069	− 23V	.	.		R
6316	17 1 53	+ 6 28	−32 9	− 9	5.06 H	.	B8V	−0.006	−0.054	.	+ 15V	7.9	24.7		
6317	17 0 30	+ 4 53	+ 6 35	− 9	6.35 R	.	A5	+0.036	−0.045	.	− 10V	.	.		6
6318	17 1 3	+ 5 16	− 4 13	− 9	4.82	+1.48	K4III	−0.049	−0.083	+.014	− 7	.	.		
6319	16 56 25	+ 0 30	+65 2	− 9	6.37 R	.	F0	−0.044	+0.029	+.025	− 21	.5	.8		2
6320	17 4 25	+ 8 31	−57 43	− 9	5.88 H	.	B5V	−0.013	−0.033	.	+ 6	.	.		G
6321	17 1 51	+ 5 51	−18 53	− 9	6.37 H	.	gK0	−0.040	−0.024	.	+ 43	.	.		
6322	16 45 58	− 10 14	+82 2	−10	4.28VR	.	G5III	+0.014	−0.001	+.014	− 11V	6.8	77.6		R
6323	17 3 41	+ 7 26	−47 10	− 9	6.28 H	.	A2	+0.000	+0.024	.		6.2	6.3		
6324	17 0 18	+ 3 50	+30 55	− 9	3.87 R	−0.03	A0V	−0.050	+0.022	+.022	− 25V	.	.		R
6325	17 0 58	+ 4 13	+22 38	− 9	5.58 R	.	gK3	−0.014	−0.026	.	+ 11	.	.		
6326	17 1 33	+ 4 33	+14 56	− 9	6.30	+0.04	A p	+0.001	−0.014	.	− 32V	4.8	21.0		4
6327	17 3 50	+ 6 49	−38 9	− 9	5.91	+0.38	dF3	+0.068	−0.028	.		.	.		
6328	17 1 10	+ 4 1	+27 12	− 9	6.30 R	.	F5	−0.017	−0.068	.	− 31	.	.		
6329	17 1 59	+ 4 48	+ 8 27	− 9	6.21 R	.	A0	+0.036	−0.002	.010D	− 1V	1.2	1.4		*
6330	16 59 21	+ 1 50	+56 41	− 9	5.94 R	.	gK1	−0.049	+0.031	.	− 15	.	.		
6331	17 5 5	+ 7 18	−45 29	− 8	6.40 H	.	A2	−0.036	−0.022	.		.	.		
6332	17 1 36	+ 3 41	+33 34	− 9	5.25 R	+0.02	A3III	+0.000	−0.008	+.019	− 13	.	.		
6333	17 2 19	+ 4 6	+25 31	− 8	5.77 R	.	gG7	+0.051	+0.084	+.017	− 50	.	.		
6334	17 4 50	+ 6 35	−34 7	− 8	4.86	+0.27	B1Iabe	+0.005	−0.007	.	+ 8	9.1	20.		
6335	16 56 17	− 1 59	+73 8	− 9	6.18 R	.	A5	−0.003	−0.025	.	− 7	.	.		
6336	17 2 17	+ 3 47	+31 53	− 9	6.27 R	.	K0	+0.041	+0.030	.	− 13	.	.		
6337	17 3 8	+ 4 35	+14 5	− 9	5.52 R	.	M3III	+0.019	−0.070	+.005	+ 43	.	.		G
6338	17 5 49	+ 7 13	−44 6	− 8	6.38 H	.	A3	+0.026	+0.014	.		.	.		
6339	17 3 10	+ 4 32	+14 31	− 9	6.40 R	.	G7	−0.173	−0.191	+.018	− 56	.	.		
6340	17 4 45	+ 5 55	−20 29	− 8	6.17 H	.	B3	−0.007	−0.030	.	− 11	.	.		
6341	17 3 40	+ 4 36	+13 36	− 9	5.72 R	+0.00	A1V	−0.013	−0.040	.	− 32	.	.		
6342	17 3 58	+ 4 36	+13 34	− 9	6.09	+1.02	K1III	+0.017	−0.135	.	+ 46	.	.		G
6343	17 3 53	+ 4 21	+19 42	− 8	6.25 R	.	K4p	−0.021	+0.010	.	− 39	4.4	2.1		*
6344	17 6 21	+ 6 46	−37 13	− 8	6.14 H	.	A2	+0.010	−0.027	.		4.4	7.1	3	
6345	16 59 3	− 0 33	+69 11	− 9	6.36 R	.	K0	−0.005	−0.042	+.014	− 27	.	.		
6346	17 3 30	+ 3 35	+35 25	− 8	6.63 R	.	gM4	+0.031	−0.042	+.006	− 12	.	.		
6347	17 6 28	+ 6 39	−35 27	− 8	6.13	+0.46	O9.5Iab	+0.011	−0.010	.	+ 13	6.5	2.8		
6348	17 1 17	+ 1 16	+60 39	− 8	6.08 R	.	K1III	−0.056	+0.055	.	− 17	.	.		
6349	17 5 17	+ 5 6	+ 0 42	− 9	5.84 R	.	dF8	−0.009	−0.342	+.046	− 18	.	.		
6350	17 6 11	+ 5 58	−21 34	− 8	6.29 H	.	A0	−0.020	−0.082	.		.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
6351		+34 2890	154431	23037	.	9848			17 0 17	+34 56	57 44	+36 13
6352		+19 3220	154441	23046	.	9851	10326		17 0 20	+19 45	40 6	+31 59
6353		− 0 3224	154445	23058	.	9858			17 0 23	− 0 45	19 18	+22 57
6354		−26 11896	154481	23081	.				17 0 41	−26 22	357 15	+ 8 29
6355	60 HER	+12 3142	154494	23061	3882.	9861	10334		17 0 44	+12 53	32 47	+29 14
6356		−61 5842	154555	23117	.				17 0 59	−61 33	329 1	−12 45
6357		−70 2361	154556	23140	.				17 1 1	−70 35	321 18	−17 53
6358		+ 9 3322	154610	23080	.	9870			17 1 25	+ 9 53	29 47	+27 47
6359		+10 3142	154619	23084	.	9872			17 1 29	+10 35	30 30	+28 5
6360		+64 1170	154633	23035	3885.	9847			17 1 42	+64 45	94 52	+35 56
6361		− 1 3292	154660	23091	.	9876	10347		17 1 42	− 1 31	18 46	+22 16
6362		+44 2652	154713	23073	.	9867			17 2 2	+43 57	68 56	+37 6
6363		+49 2583	154732	23071	.	9865		VAR?	17 2 11	+48 57	75 13	+37 18
6364		+22 3073	154733	23089	3887.	9874	10343		17 2 4	+22 13	43 0	+32 28
6365		−17 4717	154779	23116	.	9884			17 2 26	−17 29	4 49	+13 23
6366		−30 13840	154783	23118	.				17 2 24	−30 16	354 20	+ 5 51
6367		− 0 3230	154895	23120	.	9885	10355		17 3 4	− 0 57	19 29	+22 16
6368		−67 3296	154903	23174	.		I		17 3 5	−67 4	324 28	−16 5
6369	21 μ DRA	+54 1857	154905	23092	.	9877	10345B		17 3 16	+54 36	82 18	+37 1
6370	21 μ DRA	+54 1857	154906	23092	3890.	9878	10345A		17 3 16	+54 36	82 18	+37 1
6371		−44 11502	154948	23148	3892.	9896	I		17 3 27	−44 26	343 8	− 2 52
6372		− 3 4063	154962	23133	.				17 3 39	− 3 45	16 59	+20 42
6373		−74 1610	154972	23219	.				17 3 39	−74 25	318 0	−20 7
6374		−48 11492	155035	23169	.				17 4 2	−48 45	339 44	− 5 32
6375		−10 4445	155078	23145	3892.1	9894			17 4 16	−10 24	11 8	+17 0
6376		+40 3103	155102	23128	.	9889			17 4 31	+40 39	64 54	+36 18
6377		+36 2827	155103	23132	3894.	9890	10360		17 4 29	+36 4	59 19	+35 35
6378	35 η OPH	−15 4467	155125	23158	3895.	9900	10374		17 4 39	−15 36	6 43	+14 1
6379		+75 613	155154	23066	.	9864			17 4 49	+75 26	107 21	+33 2
6380	η SCO	−43 11485	155203	23180	3896.	9907			17 4 59	−43 6	344 22	− 2 17
6381		−39 11182	155259	23184	.	9912			17 5 22	−39 23	347 24	+ 0 7
6382		−38 11632	155276	23185	.				17 5 24	−38 42	347 57	+ 0 17
6383		+51 2178	155328	23147	.	9895	10369		17 5 50	+50 58	77 45	+36 44
6384		−56 8098	155341	23217	.				17 5 46	−56 46	333 21	−10 28
6385		+12 3161	155375	23178	.	9906			17 6 7	+12 35	33 6	+27 55
6386		−25 12018	155379	23195	.				17 6 5	−25 8	358 59	+ 8 14
6387		−27 11516	155401	23198	.				17 6 9	−27 38	356 57	+ 6 45
6388		+40 3109	155410	23172	3898.	9904			17 6 19	+40 54	65 16	+36 0
6389		−32 12460	155450	23209	.	9920			17 6 29	−32 19	353 12	+ 3 55
6390		+ 8 3367	155500	23199	.	9917			17 6 56	+ 8 1	28 36	+25 44
6391	63 HER	+24 3140	155514	23191	.	9913			17 6 55	+24 22	45 50	+32 6
6392		−39 11212	155603	23241	.		I		17 7 32	−39 39	347 26	+ 0 36
6393	37 OPH	+10 3165	155644	23220	.	9923	B		17 7 45	+10 42	31 23	+26 45
6394		+ 0 3654	155646	23228	.	9924			17 7 48	+ 0 29	21 28	+21 58
6395		+52 2032	155711	23200	.	9918			17 8 13	+52 32	79 41	+36 21
6396	22 ζ DRA	+65 1170	155763	23182	3905.	9910			17 8 30	+65 50	96 0	+35 2
6397		−33 11875	155806	23263	.	9935			17 8 45	−33 26	352 35	+ 2 53
6398		−38 11686	155826	23270	3906.	9940	F		17 8 46	−38 28	348 31	+ 0 6
6399		+49 2604	155860	23229	.	9925	10397	VAR?	17 9 7	+49 52	76 23	+36 12
6400		−69 2715	155875	23337	.		I		17 9 7	−69 56	322 16	−18 6

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
6351	17 3 54	+ 3 37	+34 48	− 8	5.99 R	.	A3	−0.071	−0.009	.	− 17V	.	.		R
6352	17 4 41	+ 4 21	+19 37	− 8	6.10 R	−0.01	B9.5V	+0.007	−0.005	.	− 25	3.3	2.1		2
6353	17 5 32	+ 5 9	− 0 53	− 8	5.62 H	.	B1V	+0.000	−0.005	.	+ 15V?	.	.		
6354	17 6 53	+ 6 12	−26 30	− 8	6.20 H	.	A0III-IV	+0.000	−0.026	.	− 24V	.	.		
6355	17 5 22	+ 4 38	+12 45	− 8	4.90 R	.	A3IV	+0.047	−0.012	+.018	− 4	6.0	56.2		1
6356	17 10 6	+ 9 7	−61 41	− 8	6.52 H	.	B9	−0.016	−0.010	.		.	.		
6357	17 12 19	+ 11 18	−70 43	− 8	6.21	+1.06	K0	+0.045	−0.084	.		.	.		
6358	17 6 10	+ 4 45	+ 9 45	− 8	6.40 R	.	K5	+0.018	−0.013	.	− 6	.	.		
6359	17 6 13	+ 4 44	+10 27	− 8	6.35 R	.	G8III-IV	+0.044	+0.013	.	− 24	.	.		
6360	17 2 15	+ 0 33	+64 37	− 8	5.93 R	.	dG5	−0.053	+0.023	+.028	− 25	.	.		
6361	17 6 53	+ 5 11	− 1 39	− 8	6.25 H	.	A2n	+0.030	−0.040	.	+ 7	2.2	20.6		3
6362	17 5 5	+ 3 3	+43 49	− 8	6.22 R	.	A0	+0.002	−0.003	.	− 9	.	.		
6363	17 4 50	+ 2 39	+48 49	− 8	6.18 R	.	gK1	+0.030	−0.077	.	+ 12V	.	.		*
6364	17 6 18	+ 4 14	+22 5	− 8	5.55	+1.30	K4III	−0.101	−0.047	+.013	− 96	7.5	25.1		1
6365	17 8 14	+ 5 48	−17 37	− 8	6.14 H	.	K0III	+0.003	−0.031	.	− 14	.	.		
6366	17 8 47	+ 6 23	−30 24	− 8	5.82 H	.	A4m	+0.008	−0.078	.	− 30	.	.		
6367	17 8 13	+ 5 9	− 1 5	− 8	6.02 H	.	A0	−0.022	−0.038	.008D	− 21V	2.0	.5		2
6368	17 13 18	+ 10 13	−67 12	− 8	5.79	+1.00	K0	−0.178	−0.095	.		3.5	30.1		7
6369	17 5 20	+ 2 4	+54 28	− 8	5.83 H	.	dF6	−0.075	+0.080	.	− 18	.1	3.3	3	D
6370	17 5 20	+ 2 4	+54 28	− 8	5.80 H	.	dF6	−0.075	+0.080	+.043	− 15	.1	3.3	3	D
6371	17 10 42	+ 7 15	−44 34	− 8	5.07	+0.86	gG4	−0.035	−0.061	+.011	− 7	7.9	13.2		
6372	17 8 55	+ 5 16	− 3 53	− 8	6.45 H	.	G5	−0.063	−0.162	.		.	.		
6373	17 16 36	+ 12 57	−74 32	− 7	6.24	−0.01	A0	−0.018	−0.062	.		.	.		
6374	17 11 38	+ 7 36	−48 53	− 8	5.95 H	.	gM1	+0.025	−0.034	.		.	.		
6375	17 9 48	+ 5 32	−10 32	− 8	5.58 H	.	F5V	+0.059	−0.109	+.016	− 3	.	.		
6376	17 7 47	+ 3 16	+40 31	− 8	6.22 R	.	A8	−0.038	−0.038	.	− 7	.	.		
6377	17 8 2	+ 3 33	+35 56	− 8	5.26BR	.	A5	−0.027	−0.017	+.016	− 30	.0	.2	3	D
6378	17 10 23	+ 5 44	−15 43	− 7	2.44	+0.05	A2.5V	+0.035	+0.090	+.047	− 1	.5	1.0	4	D
6379	17 1 41	− 3 8	+75 18	− 8	6.17 R	.	F0	+0.011	−0.085	.	+ 1	.	.		6
6380	17 12 9	+ 7 10	−43 14	− 8	3.33	+0.40	F0IVn	+0.019	−0.292	+.063	− 28	.	.		
6381	17 12 16	+ 6 54	−39 31	− 8	5.65 H	.	A0	−0.012	−0.075	.	+ 12V?	.	.		
6382	17 12 16	+ 6 52	−38 49	− 7	6.45 H	.	gK1	+0.016	−0.046	.		.	.		
6383	17 8 17	+ 2 27	+50 50	− 8	6.24 R	−0.00	B9	−0.004	+0.022	.	− 15	4.7	17.2		1
6384	17 14 13	+ 8 27	−56 53	− 7	6.05 H	.	K5	−0.016	−0.002	.		.	.		
6385	17 10 46	+ 4 39	+12 28	− 7	6.45 R	+0.09	A m	+0.032	−0.012	.	+ 5V	.	.		R
6386	17 12 14	+ 6 9	−25 15	− 7	6.32 H	.	A0	−0.015	−0.040	.		.	.		
6387	17 12 25	+ 6 16	−27 45	− 7	6.10 H	.	B9	−0.011	−0.046	.		.	.		
6388	17 9 33	+ 3 14	+40 46	− 8	5.00 R	.	K3III	−0.054	+0.004	+.018	− 56V	.	.		6
6389	17 12 59	+ 6 30	−32 26	− 7	5.97	+0.08	B1III	+0.011	−0.017	.	+ 7V	.	.		
6390	17 11 45	+ 4 49	+ 7 54	− 7	6.08 R	.	K0III	+0.027	+0.004	.	− 6	.	.		
6391	17 11 3	+ 4 8	+24 15	− 7	6.22 R	.	A3	−0.014	+0.028	.	− 2	.	.		
6392	17 14 28	+ 6 56	−39 46	− 7	6.48	+2.26	G5Ia	+0.002	−0.014	.		3.3	15.6	3	
6393	17 12 28	+ 4 43	+10 35	− 7	5.33 R	.	gM2	+0.006	−0.030	.	+ 26	8.8	30.6		
6394	17 12 54	+ 5 6	+ 0 22	− 7	6.44 R	.	F5	+0.016	−0.082	.	+ 58	.	.		G
6395	17 10 30	+ 2 17	+52 25	− 7	6.05 R	−0.00	B9	−0.013	−0.013	.	− 42	.	.		
6396	17 8 48	+ 0 18	+65 43	− 7	3.20 R	−0.15	B6III	−0.018	+0.019	+.017	− 14	.	.		
6397	17 15 19	+ 6 34	−33 33	− 7	5.50 H	.	O8e	+0.008	−0.005	.	+ 5	.	.		
6398	17 15 36	+ 6 50	−38 36	− 8	5.96	+0.58	G3IV	−0.187	−0.414	+.037	− 51	.1	.1		
6399	17 11 40	+ 2 33	+49 45	− 7	5.99 R	.	A2	+0.017	+0.028	.	− 11	3.8	5.4		3
6400	17 20 13	+ 11 6	−70 3	− 7	6.52	+0.60	G2IV-V	−0.043	−0.203	.	− 5	3.1	1.9		7

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
6401	36 OPH	−26 12026	155885	23274	.	9942	10417B		17 9 12	−26 27	358 19	+ 6 54
6402	36 OPH	−26 12026	155886	23273	3908.	9941	10417A		17 9 12	−26 27	358 19	+ 6 54
6403		−30 13968	155940	23287	.				17 9 28	−30 6	355 22	+ 4 43
6404		−14 4585	155970	23280	.		10419		17 9 39	−14 28	8 23	+13 39
6405		−35 11426	155974	23295	3910.		I		17 9 41	−35 38	350 55	+ 1 26
6406	64 α^1 HER	+14 3207	156014	23277	3912.	9944	10418A	α HER	17 10 5	+14 30	35 32	+27 50
6407	64 α^2 HER	+14 3207	156015	23278	.	9945	10418B		17 10 6	+14 30	35 32	+27 4
6408		−59 6954	156091	23340	.				17 10 21	−59 35	331 20	−12 34
6409		−32 12545	156098	23313	.	9959			17 10 33	−32 33	353 31	+ 3 6
6410	65 δ HER	+25 3221	156164	23294	3916.	9948	10424	VAR?	17 10 55	+24 57	46 49	+31 26
6411	ι APS	−69 2719	156190	23388	.	9992	F	VAR?	17 10 56	−70 1	322 17	−18 17
6412		+ 2 3283	156208	23312	.	9958		VAR?	17 11 12	+ 2 18	23 37	+22 7
6413		− 6 4575	156227	23319	.				17 11 21	− 6 8	15 54	+17 49
6414	38 U OPH	+ 1 3408	156247	23317	3917.	9960	10428	U OPH	17 11 27	+ 1 19	22 44	+21 35
6415	41 OPH	− 0 3255	156266	23320	3918.	9962	10429		17 11 29	− 0 20	21 12	+20 45
6416		−46 11370	156274	23353	3919.	9977	I		17 11 28	−46 32	342 17	− 5 14
6417	ζ APS	−67 3310	156277	23392	3920.	9995			17 11 32	−67 40	324 24	−17 5
6418	67 π HER	+36 2844	156283	23302	3921.	9955		VAR?	17 11 34	+36 55	60 39	+34 21
6419		+23 3070	156284	23309	.	9957			17 11 32	+23 52	45 41	+30 57
6420		−43 11572	156293	23350	.				17 11 34	−44 1	344 20	− 3 47
6421		+63 1336	156295	23266	3922.	9939			17 11 41	+62 59	92 30	+35 8
6422		−32 12573	156325	23348	.	9975	I		17 11 50	−32 27	353 46	+ 2 56
6423		−49 11324	156331	23365	.		F		17 11 47	−49 58	339 29	− 7 16
6424	39 o OPH	−24 13255	156349	23344	3923.	9970	10442A		17 11 55	−24 11	0 32	+ 7 43
6425	39 o OPH	−24 13255	156350	23343	.	9969	10442B		17 11 55	−24 11	0 32	+ 7 43
6426		−34 11626	156384	23362	3924.	9982	I		17 12 9	−34 53	351 49	+ 1 28
6427		−44 11595	156398	23367	.		I		17 12 10	−44 7	344 19	− 3 56
6428		−16 4470	156462	23357	.				17 12 34	−16 12	7 18	+12 6
6429		−80 828	156513	23550	.				17 12 45	−80 46	312 19	−23 41
6430		+23 3074	156593	23360	.	9981			17 13 25	+23 12	45 7	+30 19
6431	68 u HER	+33 2864	156633	23359	3927.	9980	10449	u HER	17 13 38	+33 12	56 24	+33 8
6432		+17 3216	156653	23371	.	9986			17 13 38	+17 26	38 58	+28 12
6433		+11 3156	156681	23382	3931.	9990			17 13 55	+10 58	32 23	+25 30
6434		+ 6 3386	156697	23384	.	9991			17 13 59	+ 6 11	27 41	+23 21
6435		−17 4773	156717	23396	.		10465		17 14 4	−17 39	6 17	+11 0
6436	69 HER	+37 2864	156729	23374	3932.	9988		VAR?	17 14 13	+37 24	61 21	+33 55
6437					.							
6438		−57 8478	156768	23439	.		I		17 14 18	−57 55	333 3	−12 4
6439		− 5 4426	156826	23410	.				17 14 38	− 5 49	16 38	+17 17
6440		−62 5558	156838	23465	.	10026			17 14 38	−62 46	328 53	−14 45
6441		−19 4605	156846	23420	.		10476		17 14 42	−19 14	5 2	+ 9 59
6442		−56 8191	156854	23449	.				17 14 41	−56 26	334 20	−11 17
6443		+28 2719	156874	23393	3934.	9996			17 14 53	+28 56	51 36	+31 47
6444		+38 2910	156891	23390	.	9993			17 15 2	+38 55	63 11	+34 2
6445	40 ξ OPH	−20 4731	156897	23423	3935.	10009	R6267		17 15 1	−21 0	3 36	+ 8 56
6446	53 ν SER	−12 4722	156928	23424	3936.	10011	10481		17 15 12	−12 45	10 37	+13 28
6447		−60 6800	156942	23481	.	10033			17 15 18	−60 35	330 50	−13 38
6448	VW DRA	+60 1743	156947	23372	3937.	9987		VW DRA	17 15 17	+60 47	89 46	+34 58
6449		−10 4477	156971	23425	.		R6268		17 15 20	−10 36	12 30	+14 36
6450		−37 11507	157038	23462	.		B		17 15 50	−37 42	349 57	+ 0 47

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
6401	17 15 21	+ 6 9	−26 36	− 9	5.33 H	.	K1V	−0.464	−1.146	.	− 0	.0	5.5	3	D
6402	17 15 21	+ 6 9	−26 36	− 9	5.29 H	.	K0V	−0.497	−1.137	+.183	− 1	.0	5.5	3	D
6403	17 15 51	+ 6 23	−30 13	− 7	6.21 H	.	A0	−0.003	−0.043	.		.	.		
6404	17 15 20	+ 5 41	−14 35	− 7	6.15 H	.	K1III	−0.016	−0.007	.		5.1	4.2		3
6405	17 16 21	+ 6 40	−35 45	− 7	6.11	+0.48	dF7	−0.122	−0.321	+.017	− 2	7.3	36.5		
6406	17 14 39	+ 4 34	+14 23	− 7	3.1 H	.	M5II	−0.010	+0.030	−.007	− 33	3.1	5.3	4	D
6407	17 14 40	+ 4 34	+14 23	− 7	5.39 H	.	G5III?+F2?	−0.007	+0.039	.	− 37V	3.1	5.3	4	*
6408	17 19 12	+ 8 51	−59 42	− 7	6.03 H	.	K2	−0.012	−0.012	.		.	.		
6409	17 17 3	+ 6 30	−32 40	− 7	5.55 H	.	dF6	−0.095	−0.058	.	− 36	.	.		
6410	17 15 2	+ 4 7	+24 50	− 7	3.14	+0.08	A3IV	+0.024	−0.162	+.034	− 41V	5.1	25.8	4	D
6411	17 22 5	+ 11 9	−70 7	− 6	5.40	−0.04	B8	−0.001	−0.023	.	− 4	.0	.1		
6412	17 16 14	+ 5 2	+ 2 11	− 7	6.02 R	.	A0	−0.003	−0.025	.	− 7	.	.		
6413	17 16 42	+ 5 21	− 6 15	− 7	6.16 H	.	K0	−0.015	−0.029	.		.	.		
6414	17 16 31	+ 5 4	+ 1 12	− 7	5.7 H	+0.08	B5V	−0.001	−0.020	−.003	− 11V	7.0	20.6		*
6415	17 16 37	+ 5 8	− 0 27	− 7	4.74	+1.14	K2III	−0.027	−0.070	+.007	− 2	3.0	.7		2
6416	17 19 3	+ 7 35	−46 38	− 6	5.47	+0.80	G8V	+0.975	+0.213	+.125	+ 19	2.6	5.0	4	D
6417	17 21 59	+ 10 27	−67 46	− 6	4.77	+1.21	gK1	−0.032	−0.001	+.008	+ 13	.	.		
6418	17 15 3	+ 3 29	+36 48	− 7	3.15 R	.	K3II	−0.029	−0.001	+.020	− 26	.	.		
6419	17 15 41	+ 4 9	+23 45	− 7	5.96 R	.	gK2	−0.027	+0.017	.	− 42	.	.		
6420	17 18 48	+ 7 14	−44 8	− 7	5.76	−0.05	B9	−0.002	−0.026	.		.	.		
6421	17 12 33	+ 0 52	+62 52	− 7	5.49 R	.	A3	+0.014	+0.048	+.012	− 3	.	.		
6422	17 18 21	+ 6 31	−32 34	− 7	6.41 H	.	B6IVe	−0.014	−0.024	.	− 14V?	5.4	20.		
6423	17 19 31	+ 7 44	−50 4	− 6	6.47 H	.	gF1	−0.018	−0.018	.		.0	.1		
6424	17 18 1	+ 6 6	−24 18	− 7	5.39 H	.	K1III	−0.056	−0.016	+.008	− 29	1.0	12.5		D
6425	17 18 1	+ 6 6	−24 18	− 7	6.90 H	.	F6IV-V	−0.075	−0.016	.	− 28	1.0	12.5		D
6426	17 18 57	+ 6 48	−35 0	− 7	5.91	+1.04	dK5	+1.167	−0.176	+.137	+ 0	1.5	1.6	4	D
6427	17 19 25	+ 7 15	−44 13	− 6	6.64	+0.20	A0	−0.009	−0.020	.		.1	.6		D
6428	17 18 19	+ 5 45	−16 18	− 6	6.50 H	.	K5	−0.007	+0.004	.		.	.		
6429	17 31 28	+ 18 43	−80 52	− 6	5.87	+1.67	gM3	+0.007	−0.044	.		.	.		
6430	17 17 36	+ 4 11	+23 6	− 6	6.39 R	.	K2	−0.004	−0.006	.	− 15	.	.		
6431	17 17 20	+ 3 42	+33 6	− 6	4.6 H	.	B3III	−0.013	−0.010	−.005	− 21V	5.4	4.7		*
6432	17 18 4	+ 4 26	+17 20	− 6	5.86 R	+0.01	A1V	+0.010	−0.017	.	− 2V	.	.		6
6433	17 18 37	+ 4 42	+10 52	− 6	5.03	+1.55	K4II-III	+0.001	−0.096	−.002	+ 40	.	.		
6434	17 18 52	+ 4 53	+ 6 5	− 6	6.38 R	.	F0	+0.016	+0.002	.	− 25	.	.		
6435	17 19 53	+ 5 49	−17 45	− 6	6.04 H	.	A0	−0.011	−0.026	.012D		1.1	2.2	3	
6436	17 17 40	+ 3 27	+37 18	− 6	4.75 R	+0.04	A2V	−0.037	+0.057	+.012	− 10V	.	.		
6437					.	.		.	.	.		.	.		
6438	17 22 55	+ 8 37	−58 1	− 6	5.94 H	.	K0	−0.021	−0.016	.		5.1	4.		
6439	17 19 59	+ 5 21	− 5 55	− 6	6.30	+0.86	G5	+0.034	−0.185	.		.	.		
6440	17 24 1	+ 9 23	−62 52	− 6	5.88 H	.	B2V	−0.006	−0.013	.	− 1V?	.	.		
6441	17 20 34	+ 5 52	−19 20	− 6	6.49	+0.58	G3IV	−0.153	−0.107	.	− 69	7.5	5.2		3
6442	17 23 7	+ 8 26	−56 32	− 6	5.75 H	.	gG8	−0.008	+0.004	.		.	.		
6443	17 18 48	+ 3 55	+28 50	− 6	5.51 R	.	gG8	+0.042	−0.009	+.012	− 14	.	.		
6444	17 18 23	+ 3 21	+38 49	− 6	5.85 R	.	gG7	−0.019	+0.071	.	− 38	.	.		
6445	17 21 1	+ 6 0	−21 6	− 6	4.40	+0.38	F2V	+0.231	−0.213	+.058	− 9	4.0	3.1		7
6446	17 20 49	+ 5 37	−12 51	− 6	4.34	+0.02	A1V	+0.041	+0.001	+.022	+ 5V?	4.0	48.1		7
6447	17 24 19	+ 9 1	−60 41	− 6	5.96 H	.	B8	−0.008	−0.006	.	− 10	.	.		
6448	17 16 30	+ 1 13	+60 41	− 6	6.3 H	.	gG9	−0.043	+0.011	+.001	+ 17	.	.		
6449	17 20 52	+ 5 32	−10 42	− 6	6.44	+0.34	F0	+0.060	−0.015	.		7.6	8.6		2
6450	17 22 39	+ 6 49	−37 48	− 6	6.40	+0.70	B4Ia	+0.014	−0.017	.	− 14	5.9	2.7	3	

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
6451	ι ARA	−47 11484	157042	23470	.	10028	I		17 15 46	−47 22	342 1	− 6 19
6452		+18 3351	157049	23426	3940.	10013		VAR?	17 15 54	+18 10	39 58	+27 59
6453	42 θ OPH	−24 13292	157056	23451	.	10023		VAR?	17 15 52	−24 54	0 28	+ 6 34
6454		−35 11505	157060	23463	.				17 15 55	−35 49	351 30	+ 0 18
6455		+25 3246	157087	23427	3942.	10014			17 16 5	+25 38	48 1	+30 32
6456		−37 11512	157097	23471	.				17 16 7	−37 7	350 28	+ 0 29
6457	70 HER	+24 3167	157198	23447	3945.	10020			17 16 47	+24 36	46 56	+30 3
6458	72 HER	+32 2896	157214	23446	3946.	10019	10488	VAR?	17 16 55	+32 36	55 54	+32 20
6459	43 OPH	−28 13081	157236	23492	3948.	10036			17 17 4	−28 3	358 1	+ 4 33
6460		−44 11669	157243	23503	.	10039			17 16 58	−44 4	344 52	− 4 37
6461	β ARA	−55 8100	157244	23515	3947.	10044			17 16 59	−55 26	335 22	−11 0
6462	γ ARA	−56 8225	157246	23517	.	10045	R6294		17 16 59	−56 17	334 39	−11 28
6463		+16 3163	157257	23466	.	10027			17 17 6	+16 50	38 42	+27 12
6464	74 HER	+46 2293	157325	23452	.	10024			17 17 32	+46 20	72 10	+34 35
6465		− 2 4343	157347	23493	.				17 17 38	− 2 17	20 13	+18 27
6466		+28 2728	157358	23474	.	10029	C		17 17 36	+28 51	51 42	+31 11
6467		+48 2506	157373	23461	3949.	10025			17 17 52	+48 17	74 32	+34 41
6468	κ ARA	−50 11269	157457	23552	3950.	10057			17 18 12	−50 33	339 35	− 8 27
6469		+40 3136	157482	23487	3951.	10035			17 18 27	+40 4	64 41	+33 35
6470		−34 11674	157486	23534	.				17 18 24	−34 36	352 48	+ 0 34
6471		−62 5590	157524	23601	.	10074			17 18 42	−62 57	328 59	−15 14
6472		−21 4597	157527	23533	3952.	10051	10522		17 18 43	−21 21	3 47	+ 8 1
6473		−18 4516	157546	23531	.				17 18 46	−18 22	6 18	+ 9 40
6474		−24 13325	157588	23549	.	10056			17 18 59	−24 9	1 29	+ 6 24
6475		−51 10881	157599	23579	.				17 19 1	−51 52	338 33	− 9 17
6476		+ 8 3405	157617	23527	.	10049			17 19 11	+ 8 56	31 0	+23 26
6477		−45 11531	157661	23589	.	10067	I	VAR?	17 19 29	−45 45	343 43	− 5 56
6478		−50 11283	157662	23594	.	10070			17 19 25	−50 32	339 43	− 8 36
6479		+53 1937	157681	23505	.	10040			17 19 35	+53 31	80 54	+34 39
6480	73 HER	+23 3100	157728	23546	.	10055			17 19 55	+23 3	45 32	+28 52
6481		+16 3174	157740	23556	.	10058			17 20 3	+16 24	38 34	+26 23
6482		+15 3179	157741	23559	.	10059	10528		17 20 3	+15 43	37 52	+26 7
6483		−52 10662	157753	23616	.		I		17 20 0	−52 13	338 21	− 9 36
6484	75 ρ HER	+37 2878	157778	23543	.	10053	10526B		17 20 14	+37 14	61 26	+32 43
6485	75 ρ HER	+37 2878	157779	23544	3953.	10054	10526A		17 20 14	+37 14	61 26	+32 43
6486	44 OPH	−24 13337	157792	23597	3954.	10071		VAR?	17 20 16	−24 5	1 43	+ 6 12
6487		−55 8144	157819	23638	.		I		17 20 22	−55 5	335 56	−11 13
6488		+38 2928	157853	23560	.	10060	10531		17 20 40	+38 40	63 8	+32 55
6489		− 1 3329	157856	23598	.	10072			17 20 46	− 1 34	21 17	+18 8
6490		−25 12160	157864	23612	.				17 20 44	−25 51	0 18	+ 5 7
6491		+37 2882	157910	23571	.	10063	10535		17 20 59	+37 2	61 15	+32 32
6492	45 OPH	−29 13557	157919	23627	3956.	10083			17 20 58	−29 47	357 4	+ 2 52
6493		− 4 4275	157950	23617	3959.	10079		VAR?	17 21 19	− 5 0	18 15	+16 17
6494		−29 13563	157955	23637	.				17 21 15	−29 38	357 14	+ 2 54
6495		+17 3241	157967	23608	.	10077	B		17 21 27	+17 0	39 20	+26 19
6496		−12 4750	157968	23629	.	10086			17 21 25	−12 25	11 45	+12 22
6497		+ 7 3368	157978	23614	.	10078			17 21 29	+ 7 41	30 3	+22 22
6498	49 σ OPH	+ 4 3422	157999	23621	3960.	10081		VAR?	17 21 33	+ 4 14	26 46	+20 46
6499		+27 2809	158067	23619	.	10080			17 22 0	+26 58	49 57	+29 42
6500	δ ARA	−60 6842	158094	23681	.	10108	I		17 22 4	−60 36	331 16	−14 21

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
6451	17 23 16	+ 7 30	−47 28	− 6	5.24	−0.12	B3ne	−0.014	−0.020	.	− 19	5.3	43.0		
6452	17 20 18	+ 4 24	+18 4	− 6	5.00 R	.	gM2	+0.003	−0.062	+.007	− 46	.	.		
6453	17 22 0	+ 6 8	−25 0	− 6	3.28	−0.21	B2IV	−0.003	−0.025	.	− 4V	.	.		*
6454	17 22 38	+ 6 43	−35 55	− 6	6.43	+0.55	dF9	+0.079	+0.109	.		.	.		
6455	17 20 10	+ 4 5	+25 32	− 6	5.30 R	+0.03	A3III	+0.018	−0.020	+.008	− 5V	.	.		6
6456	17 22 54	+ 6 47	−37 13	− 6	5.92	+1.08	g?G9	+0.031	−0.030	.		.	.		
6457	17 20 54	+ 4 7	+24 30	− 6	4.94 R	−0.04	A1V	−0.025	−0.003	+.007	− 17V	.	.		
6458	17 20 39	+ 3 44	+32 28	− 8	5.39	+0.62	G2V	+0.126	−1.047	+.069	− 78	4.3	230.0	3	
6459	17 23 22	+ 6 18	−28 9	− 6	5.43 H	.	gK5	+0.004	−0.037	−.034	− 14	.	.		
6460	17 24 13	+ 7 15	−44 10	− 6	5.11	−0.06	B6V	−0.013	−0.033	.	+ 8V	.	.		
6461	17 25 18	+ 8 19	−55 32	− 6	2.84	+1.46	K3Ib	−0.011	−0.033	+.026	− 0	.	.		
6462	17 25 24	+ 8 25	−56 23	− 6	3.33	−0.14	B1III	−0.003	−0.017	.	− 4V	6.5	17.9		
6463	17 21 34	+ 4 28	+16 44	− 6	6.42 R	.	gM2	−0.022	−0.030	.	+ 39	.	.		
6464	17 20 22	+ 2 50	+46 14	− 6	5.60 R	.	gM0	−0.033	+0.040	.	− 57	.	.		G
6465	17 22 51	+ 5 13	− 2 23	− 6	6.30 H	.	G5	+0.042	−0.116	.		.	.		
6466	17 21 31	+ 3 55	+28 45	− 6	6.26 R	.	F8	+0.003	+0.001	.	− 6V?	2.6	.7		2
6467	17 20 34	+ 2 42	+48 11	− 6	6.25 R	.	F2	+0.188	−0.027	+.009	+ 31	.	.		
6468	17 26 0	+ 7 48	−50 39	− 6	5.22	+1.06	K1III	+0.003	−0.002	+.023	+ 18	.	.		
6469	17 21 44	+ 3 17	+39 58	− 6	5.60 R	.	dF8	+0.005	−0.070	+.020	+ 3V	.	.		R
6470	17 25 2	+ 6 38	−34 42	− 6	6.28 H	.	A0	+0.002	−0.032	.		.	.		
6471	17 28 8	+ 9 26	−63 2	− 5	6.36 H	.	B9	−0.021	−0.032	.	− 3	.	.		
6472	17 24 42	+ 5 59	−21 27	− 6	5.96 H	.	gG7	−0.021	−0.034	+.006	− 56	5.8	4.3		
6473	17 24 37	+ 5 51	−18 28	− 6	6.37	+0.00	A0	+0.010	−0.014	.		.	.		
6474	17 25 6	+ 6 7	−24 15	− 6	6.26 H	.	gK1	+0.014	+0.004	.	+ 20	.	.		
6475	17 26 57	+ 7 56	−51 57	− 5	6.46 H	.	B8	+0.002	−0.025	.		.	.		
6476	17 23 58	+ 4 47	+ 8 50	− 6	5.70 R	.	gK1	+0.006	−0.007	.	+ 16	.	.		
6477	17 26 52	+ 7 23	−45 50	− 5	5.28	−0.07	B9	−0.045	−0.044	.009D	− 9V?	.8	3.2		D
6478	17 27 13	+ 7 48	−50 37	− 5	6.06 H	.	A0	−0.011	−0.007	.	+ 11	.	.		
6479	17 21 45	+ 2 10	+53 25	− 6	5.75 R	.	gK5	+0.019	−0.007	.	− 8	.	.		
6480	17 24 6	+ 4 11	+22 57	− 6	5.67 R	.	A4	−0.044	−0.045	.	− 20	.	.		
6481	17 24 32	+ 4 29	+16 18	− 6	5.61 R	+0.06	A3III	+0.006	−0.032	.	+ 11	.	.		G
6482	17 24 33	+ 4 30	+15 38	− 5	6.23 R	−0.03	B9.5IV	+0.006	+0.009	.	− 25	4.5	4.6		4
6483	17 27 58	+ 7 58	−52 18	− 5	5.77 H	.	gK2	−0.010	−0.056	.		7.2	17.		
6484	17 23 41	+ 3 27	+37 8	− 6	5.47 H	.	B9V	−0.044	−0.002	.	− 19	1.1	4.2	3	D
6485	17 23 41	+ 3 27	+37 8	− 6	4.52 H	.	A p	−0.041	+0.000	−.004	− 21	1.1	4.2	3	D
6486	17 26 22	+ 6 6	−24 11	− 6	4.18	+0.28	dA9	+0.000	−0.123	+.043	− 37	.	.		
6487	17 28 39	+ 8 17	−55 10	− 5	6.00 H	.	gG8	−0.019	−0.016	.		6.0	37.2	3	
6488	17 24 2	+ 3 22	+38 35	− 5	6.37BR	.	gF7	−0.015	+0.033	.001D	− 24	.1	.3		D
6489	17 25 57	+ 5 11	− 1 39	− 5	6.31 H	.	F5	+0.061	+0.047	.	− 24	.	.		
6490	17 26 55	+ 6 11	−25 56	− 5	6.32 H	.	A0	−0.028	−0.032	.		.	.		
6491	17 24 27	+ 3 28	+36 57	− 5	6.35 R	.	G5III	−0.029	+0.041	.	− 16	1.7	33.2		D
6492	17 27 21	+ 6 23	−29 52	− 5	4.30	+0.40	F5IV	+0.018	−0.147	+.015	+ 38	.	.		
6493	17 26 37	+ 5 18	− 5 5	− 5	4.53	+0.39	F3V	−0.094	−0.048	+.027	+ 0V	.	.		R
6494	17 27 37	+ 6 22	−29 43	− 5	5.92 H	.	A0	−0.009	−0.032	.	− 21V	.	.		
6495	17 25 54	+ 4 27	+16 55	− 5	6.12 R	.	gM4	−0.010	+0.005	.	− 10	8.6	8.5		
6496	17 27 2	+ 5 37	−12 30	− 5	6.30 H	.	dF5	+0.032	−0.068	.	− 40	.	.		
6497	17 26 19	+ 4 50	+ 7 36	− 5	5.90 R	.	G0+A0	−0.001	−0.009	.	− 4V	.	.		R
6498	17 26 31	+ 4 58	+ 4 9	− 5	4.34	+1.50	K3II	−0.001	+0.004	+.004	− 27	.	.		
6499	17 26 0	+ 4 0	+26 53	− 5	6.32 R	.	A5	+0.003	+0.016	.	− 27	.	.		
6500	17 31 6	+ 9 2	−60 41	− 5	3.61	−0.10	B8V	−0.054	−0.096	.	+ 12	7.1	47.4		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
6501		−36 11546	158105	23664	.				17 22 10	−36 42	351 30	− 1 15
6502		+20 3481	158148	23641	.	10089			17 22 30	+20 10	42 43	+27 17
6503		−38 11927	158156	23673	.		I		17 22 33	−38 26	350 6	− 2 17
6504		− 8 4444	158170	23653	.				17 22 37	− 8 7	15 40	+14 24
6505		−56 8304	158220	23688	.	10112			17 22 53	−56 50	334 37	−12 27
6506		+34 2971	158261	23647	.	10093			17 23 11	+34 47	58 46	+31 35
6507		+ 0 3697	158352	23677	3967.	10106			17 23 44	+ 0 25	23 29	+18 28
6508	34 υ SCO	−37 11638	158408	23693	.	10113			17 23 58	−37 13	351 16	− 1 50
6509	77 HER	+48 2517	158414	23658	3969.	10101			17 24 5	+48 21	74 43	+33 40
6510	α ARA	−49 11511	158427	23708	3969.1	10116	I		17 24 7	−49 48	340 45	− 8 49
6511		+60 1754	158460	23649	.	10094			17 24 24	+60 8	88 54	+33 53
6512		− 5 4450	158463	23687	.	10111	10583		17 24 26	− 5 50	17 55	+15 11
6513		−45 11626	158476	23713	.		I		17 24 25	−45 58	344 1	− 6 46
6514		+58 1731	158485	23654	.	10099			17 24 35	+58 44	87 13	+33 55
6515					.							
6516		− 0 3300	158614	23706	3970.	10115	10598		17 25 15	− 0 59	22 24	+17 27
6517		−33 12149	158619	23721	.				17 25 12	−33 38	354 23	+ 0 3
6518		+67 1014	158633	23651	3972.	10096			17 25 18	+67 23	97 33	+33 9
6519	51 OPH	−23 13412	158643	23717	3973.	10120		VAR?	17 25 19	−23 53	2 31	+ 5 21
6520		−26 12152	158704	23725	.				17 25 32	−26 12	0 37	+ 4 2
6521		+12 3234	158716	23711	.	10117			17 25 43	+12 0	34 46	+23 20
6522		−34 11757	158741	23737	.				17 25 47	−34 12	353 59	+ 0 28
6523		−41 11742	158799	23748	.				17 26 4	−41 6	348 16	− 4 20
6524		+ 2 3337	158837	23732	.	10122	10607		17 26 20	+ 2 48	26 2	+19 2
6525		−59 7071	158895	23795	.				17 26 40	−59 47	332 18	−14 25
6526	76 λ HER	+26 3034	158899	23726	3978.	10121		VAR?	17 26 42	+26 11	49 29	+28 27
6527	35 λ SCO	−37 11673	158926	23769	.	10136			17 26 49	−37 2	351 44	− 2 12
6528		+31 3047	158974	23736	.	10126			17 27 8	+31 14	55 2	+29 53
6529		+80 544	158996	23599	.	10073			17 27 11	+80 13	112 22	+30 35
6530		−53 8682	159018	23800	.				17 27 15	−53 17	338 2	−11 6
6531		+39 3147	159026	23735	.	10124			17 27 20	+38 57	63 46	+31 42
6532		+12 3241	159082	23757	.	10133			17 27 36	+12 0	34 58	+22 55
6533	78 HER	+28 2767	159139	23754	.	10131			17 27 54	+28 29	52 4	+28 55
6534		− 5 4461	159170	23788	.	10140			17 28 10	− 5 40	18 34	+14 28
6535		−32 12935	159176	23804	.	10145	I	VAR?	17 28 10	−32 31	355 40	+ 0 4
6536	23 β DRA	+52 2065	159181	23741	3982.	10127	10611		17 28 10	+52 23	79 36	+33 19
6537	σ ARA	−46 11661	159217	23815	3983.	10149			17 28 13	−46 26	343 59	− 7 34
6538		+34 2989	159222	23770	3984.	10137			17 28 27	+34 21	58 35	+30 26
6539		−37 11702	159312	23828	.				17 28 54	−37 22	351 41	− 2 44
6540		+57 1774	159330	23758	.	10134			17 29 7	+57 57	86 15	+33 20
6541		+19 3354	159332	23798	3986.	10142			17 29 2	+19 20	42 29	+25 33
6542		+16 3218	159353	23803	3989.	10144			17 29 11	+16 23	39 30	+24 22
6543		+14 3279	159354	23805	.	10146			17 29 10	+14 55	38 2	+23 47
6544		−11 4411	159358	23816	.				17 29 13	−11 10	13 52	+11 25
6545	52 OPH	−21 4659	159376	23826	.	10154			17 29 17	−21 59	4 37	+ 5 38
6546		−38 12044	159433	23846	3990.	10162		VAR?	17 29 40	−38 34	350 46	− 3 31
6547		−49 11577	159463	23854	.				17 29 42	−49 59	341 5	− 9 41
6548	53 OPH	+ 9 3424	159480	23824	.	10153	10635A		17 29 52	+ 9 39	32 57	+21 23
6549	π ARA	−54 8403	159492	23862	3997.	10167			17 29 53	−54 26	337 14	−12 2
6550		+41 2850	159501	23807	3994.	10147			17 29 57	+41 19	66 36	+31 40

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
6501	17 28 56	+ 6 46	−36 47	− 5	6.03 H	.	g?K1	+0.000	−0.013	.		.	.		
6502	17 26 49	+ 4 19	+20 5	− 5	5.39 R	.	B6V?	−0.003	+0.013	.	− 30	.	.		
6503	17 29 26	+ 6 53	−38 31	− 5	6.44 H	.	A2	+0.029	+0.016	.	+ 8	.3	.4		
6504	17 28 3	+ 5 26	− 8 12	− 5	6.31 H	.	F8	−0.086	−0.133	.	− 64	.	.		
6505	17 31 23	+ 8 30	−56 55	− 5	6.29 H	.	B8	−0.019	+0.003	.	− 3	.	.		
6506	17 26 46	+ 3 35	+34 42	− 5	5.86 R	−0.01	A1p?	−0.038	+0.037	.	− 22V	.	.		R
6507	17 28 50	+ 5 6	+ 0 20	− 5	5.10 R	.	A5	−0.063	+0.011	+.009	− 36	.	.		
6508	17 30 46	+ 6 48	−37 18	− 5	2.70	−0.22	B3Ib	−0.004	−0.039	.	+ 18V	.	.		6
6509	17 26 44	+ 2 39	+48 16	− 5	5.76 R	.	A2	−0.001	−0.010	+.005	− 9	.	.		6
6510	17 31 51	+ 7 44	−49 53	− 5	2.94	−0.18	B2.5V	−0.032	−0.077	+.001	− 2	9.5	55.6		*
6511	17 25 42	+ 1 18	+60 3	− 5	5.76 R	.	A2	−0.010	+0.023	.	+ 7	.	.		6
6512	17 29 47	+ 5 21	− 5 55	− 5	6.42 H	.	G5	−0.027	−0.078	.008D	+ 4	4.2	1.0		2
6513	17 31 49	+ 7 24	−46 3	− 5	6.31 H	.	cF8	−0.003	+0.003	.		4.2	18.0		
6514	17 26 5	+ 1 30	+58 39	− 5	5.46 R	.	A2	−0.009	+0.012	.	− 30	.	.		
6515					.	.		.	.	.		.	.		
6516	17 30 24	+ 5 9	− 1 4	− 5	5.34	+0.73	G8IV-V	−0.121	−0.173	+.050	− 77	.3	1.4		D
6517	17 31 47	+ 6 35	−33 43	− 5	6.50 H	.	K0	−0.007	−0.020	.		.	.		
6518	17 25 0	− 0 18	+67 18	− 5	6.43	+0.76	dK1	−0.529	+0.000	+.075	− 40	.	.		6
6519	17 31 25	+ 6 6	−23 58	− 5	4.80	+0.00	A1	+0.001	−0.034	+.033	− 12V	.	.		
6520	17 31 45	+ 6 13	−26 17	− 5	6.01 H	.	B9	−0.004	−0.031	.		.	.		
6521	17 30 22	+ 4 39	+11 55	− 5	6.32 R	+0.06	A2V	−0.029	+0.048	.	− 25	.	.		
6522	17 32 24	+ 6 37	−34 17	− 5	6.30 H	.	F2	−0.020	−0.044	.		.	.		
6523	17 33 7	+ 7 3	−41 10	− 4	6.09 H	.	B9	+0.001	−0.027	.		.	.		
6524	17 31 21	+ 5 1	+ 2 43	− 5	5.52BR	.	gG3	−0.018	+0.016	.	− 29V	.0	.1		*
6525	17 35 35	+ 8 55	−59 51	− 4	6.43 H	.	A0	−0.008	−0.013	.		.	.		
6526	17 30 44	+ 4 2	+26 6	− 5	4.38 R	.	K4III	+0.018	+0.015	+.012	− 26	.	.		
6527	17 33 36	+ 6 47	−37 6	− 4	1.62	−0.24	B1V	−0.001	−0.031	.	+ 0V	.	.		R
6528	17 30 55	+ 3 47	+31 10	− 4	5.69 R	.	G8III	+0.005	+0.016	.	− 26	.	.		
6529	17 19 37	− 7 34	+80 8	− 5	5.72 R	.	gK5	+0.016	+0.000	.	− 7	.	.		
6530	17 35 20	+ 8 5	−53 21	− 4	6.27 H	.	A0	−0.004	−0.020	.		.	.		
6531	17 30 41	+ 3 21	+38 53	− 4	6.35 R	.	F2	+0.009	+0.008	.	− 27	.	.		
6532	17 32 15	+ 4 39	+11 56	− 4	6.14 R	−0.02	A0III	+0.021	+0.020	.	− 12V	.	.		R
6533	17 31 50	+ 3 56	+28 25	− 4	5.56 R	+0.00	B9.5V	+0.003	+0.023	.	− 26	.	.		
6534	17 33 30	+ 5 20	− 5 44	− 4	5.69 H	.	A3	−0.048	−0.102	.	− 26	.	.		
6535	17 34 42	+ 6 32	−32 35	− 4	5.71 H	.	O7	+0.005	−0.010	.	− 4V	4.8	6.1		*
6536	17 30 26	+ 2 16	+52 19	− 4	2.87BR	.	G2II	−0.017	+0.008	+.009	− 20	9.7	115.6	3	
6537	17 35 40	+ 7 27	−46 30	− 4	4.58	−0.03	A0	−0.034	−0.039	−.018	+ 4	.	.		
6538	17 32 2	+ 3 35	+34 17	− 4	6.40 R	.	dG2	−0.238	+0.046	+.051	− 52	.	.		G
6539	17 35 43	+ 6 49	−37 26	− 4	6.56 H	.	A0	−0.017	−0.042	.		.	.		
6540	17 30 43	+ 1 36	+57 53	− 4	6.36 R	.	K2	+0.028	−0.034	.	− 14V?	.	.		
6541	17 33 23	+ 4 21	+19 16	− 4	5.52 R	.	dF4	−0.034	−0.097	+.031	− 59	.	.		
6542	17 33 39	+ 4 28	+16 19	− 4	5.54 R	.	gK0	−0.022	−0.061	+.026	− 22	.	.		
6543	17 33 42	+ 4 32	+14 51	− 4	6.42 R	.	gM4	+0.019	−0.075	.	+ 30	.	.		
6544	17 34 46	+ 5 33	−11 14	− 4	5.56 H	+0.01	B8V	−0.015	+0.002	.	− 8	.	.		
6545	17 35 18	+ 6 1	−22 3	− 4	6.57 H	.	A0	−0.006	−0.015	.	− 12	.	.		
6546	17 36 33	+ 6 53	−38 38	− 4	4.28	+1.09	gK0	−0.016	−0.204	+.012	− 49V	.	.		
6547	17 37 27	+ 7 45	−50 3	− 4	5.90	+1.12	gG8	−0.014	−0.101	.	+ 3	.	.		
6548	17 34 37	+ 4 45	+ 9 35	− 4	5.65BR	.	A2	+0.000	−0.011	.	− 14	1.7	41.3		4
6549	17 38 6	+ 8 13	−54 30	− 4	5.24	+0.20	A7V	−0.043	−0.153	+.050	− 4	.	.		
6550	17 33 7	+ 3 10	+41 15	− 4	5.65 R	.	gK1	−0.074	−0.069	+.016	− 29	.	.		

BS = HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
6551		+16 3220	159503	23822	.	10152			17 29 59	+16 34	39 47	+24 16
6552		−85 469	159517	24171	.				17 30 0	−85 11	308 8	−24 0
6553	θ SCO	−42 12312	159532	23857	3998.	10165			17 30 8	−42 56	347 8	− 5 58
6554	24 ν¹ DRA	+55 1944	159541	23797	.	10141	10628B		17 30 12	+55 15	83 2	+33 8
6555	25 ν² DRA	+55 1945	159560	23801	3999.	10143	10628A		17 30 18	+55 14	83 1	+33 8
6556	55 α OPH	+12 3252	159561	23837	4000.	10159		VAR?	17 30 18	+12 38	35 54	+22 35
6557		−37 11723	159633	23864	.				17 30 36	−38 0	351 21	− 3 22
6558		−42 12327	159707	23876	.				17 30 58	−42 49	347 19	− 6 2
6559		+21 3157	159834	23861	.	10166	10655		17 31 43	+21 4	44 32	+25 36
6560		+57 1780	159870	23838	.	10160			17 31 53	+57 38	85 53	+32 58
6561	55 ξ SER	−15 4621	159876	23881	4003.	10175	R6402		17 31 52	−15 20	10 36	+ 8 40
6562		−15 4622	159877	23882	.				17 31 52	−15 31	10 27	+ 8 35
6563		+37 2908	159925	23863	.	10168			17 32 16	+37 22	62 12	+30 24
6564		+28 2787	159926	23868	.	10170			17 32 12	+28 14	52 8	+27 56
6565		−72 2086	159964	23971	.		I		17 32 18	−72 10	321 10	−20 50
6566	27 DRA	+68 938	159966	23821	4006.	10151			17 32 22	+68 12	98 25	+32 24
6567	57 μ OPH	− 8 4472	159975	23889	.	10182			17 32 25	− 8 3	17 0	+12 21
6568		−10 4528	160018	23897	.	10184			17 32 37	−10 52	14 34	+10 52
6569	λ ARA	−49 11616	160032	23918	4008.	10194			17 32 40	−49 21	341 53	− 9 45
6570		+30 3033	160054	23879	.	10174			17 32 48	+30 51	55 0	+28 36
6571	79 HER	+24 3218	160181	23901	.	10185			17 33 24	+24 22	48 7	+26 25
6572		−46 11747	160263	23951	.				17 33 47	−46 52	344 8	− 8 37
6573	26 DRA	+61 1678	160269	23874	4013.	10172	10660		17 33 57	+61 57	91 1	+32 39
6574	82 HER	+48 2542	160290	23894	4014.	10183			17 34 1	+48 39	75 16	+32 4
6575		+ 2 3373	160315	23922	.	10196	A		17 34 6	+ 2 5	26 20	+16 59
6576		−50 11474	160342	23970	.				17 34 15	−50 27	341 4	−10 32
6577		+13 3421	160365	23923	.	10197			17 34 22	+13 23	37 5	+22 0
6578		− 2 4425	160471	23953	.	10206			17 35 0	− 2 6	22 38	+14 46
6579		+32 2964	160507	23935	.	10202			17 35 8	+32 47	57 17	+28 41
6580	κ SCO	−38 12137	160578	23988	.	10217			17 35 34	−38 59	351 2	− 4 43
6581	56 ο SER	−12 4808	160613	23978	4023.	10213			17 35 48	−12 49	13 17	+ 9 11
6582	η PAV	−64 3662	160635	24044	4025.	10237			17 35 55	−64 41	328 24	−17 45
6583		−36 11804	160668	24001	.	10224			17 36 4	−36 54	352 51	− 3 41
6584		+31 3075	160677	23967	.	10211			17 36 11	+31 15	55 41	+28 2
6585	μ ARA	−51 11094	160691	24024	4027.	10231			17 36 12	−51 47	340 4	−11 29
6586		−57 8703	160720	24034	.		I		17 36 19	−57 30	334 59	−14 21
6587		−32 13208	160748	24013	.				17 36 33	−33 0	356 13	− 1 41
6588	85 ι HER	+46 2349	160762	23965	4028.	10210		VAR?	17 36 38	+46 4	72 20	+31 16
6589		+15 3246	160765	23986	.	10216			17 36 40	+15 13	39 8	+22 15
6590		+ 6 3498	160781	23991	.	10220			17 36 40	+ 6 22	30 37	+18 25
6591		+31 3076	160822	23984	.	10215			17 36 55	+31 20	55 49	+27 54
6592		+24 3225	160835	23989	4030.	10218	10715		17 36 59	+24 34	48 39	+25 43
6593		−27 11850	160839	24023	.				17 37 0	−27 50	0 38	+ 1 0
6594		+16 3256	160910	24009	4037.	10229	10723		17 37 29	+16 0	40 0	+22 23
6595	58 OPH	−21 4712	160915	24030	4034.	10236			17 37 26	−21 38	5 56	+ 4 13
6596	28 ω DRA	+68 949	160922	23944	4036.	10205			17 37 32	+68 48	99 4	+31 52
6597		−42 12431	160928	24054	.		F		17 37 32	−42 41	348 5	− 6 59
6598		+69 933	160933	23939	4035.	10204			17 37 31	+69 38	100 3	+31 47
6599		+43 2781	160950	23993	.	10222			17 37 36	+43 31	69 26	+30 41
6600		−13 4732	161023	24047	.				17 38 10	−13 28	13 1	+ 8 21

BS= HR	RA (2000)	$\Delta\alpha$ 100 YR	DEC (2000)	$\Delta\delta$ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
6551	17 34 27	+ 4 28	+16 30	− 4	6.34 R	.	A5	−0.009	−0.021	.	− 41	.	.		
6552	18 1 36	+ 31 36	−85 13	− 2	6.44	+0.44	F5	−0.012	−0.144	.		.	.		
6553	17 37 19	+ 7 11	−43 0	− 4	1.88	+0.40	F0Ib	+0.011	−0.005	+.020	+ 1	.	.		
6554	17 32 10	+ 1 58	+55 11	− 4	4.86	+0.25	A m	+0.145	+0.052	.	− 15	.0	62.0		D
6555	17 32 16	+ 1 58	+55 10	− 4	4.84	+0.28	A m	+0.147	+0.052	+.026	− 16V	.0	62.0		*
6556	17 34 56	+ 4 38	+12 34	− 4	2.08	+0.15	A5III	+0.117	−0.232	+.056	+ 13V	.	.		G
6557	17 37 27	+ 6 51	−38 4	− 4	6.45 H	.	K0	−0.017	+0.023	.		.	.		
6558	17 38 8	+ 7 10	−42 53	− 4	6.09	−0.06	B9	−0.001	−0.046	.	+ 13	.	.		
6559	17 35 59	+ 4 16	+21 0	− 4	5.78 R	+0.18	A7III	+0.008	−0.019	.	− 17	3.5	10.5		3
6560	17 33 31	+ 1 38	+57 34	− 4	6.08 R	.	F2	+0.013	+0.010	.	− 1	.	.		6
6561	17 37 36	+ 5 44	−15 24	− 4	3.54	+0.26	F0IV	−0.042	−0.066	+.026	− 43V	9.4	24.9		*
6562	17 37 36	+ 5 44	−15 35	− 4	5.92 H	.	A5	−0.012	−0.005	.	− 8	.	.		
6563	17 35 42	+ 3 26	+37 18	− 4	6.02 R	.	G9III	+0.012	−0.016	.	+ 4	.	.		
6564	17 36 8	+ 3 56	+28 10	− 4	6.33 R	.	K5	−0.036	+0.014	.	− 34	.	.		
6565	17 44 20	+ 12 2	−72 13	− 3	6.48	+0.48	F8V	+0.003	+0.108	.043D	+ 35	.4	.9		D
6566	17 31 58	− 0 24	+68 8	− 4	5.05	+1.08	K0III	−0.015	+0.131	+.018	− 73	.	.		6
6567	17 37 51	+ 5 26	− 8 7	− 4	4.62	+0.11	B8V	−0.013	−0.027	.	− 19	.	.		
6568	17 38 10	+ 5 33	−10 56	− 4	5.92 H	.	gK0	−0.018	−0.014	.	− 33	.	.		
6569	17 40 23	+ 7 43	−49 25	− 4	4.76	+0.40	dF4	+0.072	−0.179	+.037	+ 4	.	.		
6570	17 36 36	+ 3 48	+30 47	− 4	5.71 R	+0.16	A7V	+0.027	−0.011	.	− 17	.	.		
6571	17 37 31	+ 4 7	+24 18	− 4	5.57 R	+0.09	A2V	−0.015	−0.001	.	− 3	.	.		
6572	17 41 16	+ 7 29	−46 55	− 3	5.78	−0.01	A0	+0.001	−0.014	.		.	.		
6573	17 34 59	+ 1 2	+61 52	− 5	5.23	+0.61	G1V	+0.253	−0.513	+.064	− 13	4.6	1.7	3	D
6574	17 36 38	+ 2 37	+48 36	− 3	5.42 R	.	gK1	+0.029	+0.058	+.015	+ 29	.	.		
6575	17 39 9	+ 5 3	+ 2 2	− 3	6.20BR	.	K0III	+0.036	−0.025	.	+ 0	1.1	111.		D
6576	17 42 4	+ 7 49	−50 30	− 3	6.23 H	.	gM3	+0.020	−0.015	.		.	.		
6577	17 38 58	+ 4 36	+13 20	− 3	6.22 R	.	F5	−0.028	+0.033	.	+ 0V	.	.		6
6578	17 40 12	+ 5 12	− 2 9	− 3	6.44 H	.	gM4	−0.025	−0.021	.	− 49	.	.		
6579	17 38 50	+ 3 42	+32 44	− 3	6.32 R	.	gG5	+0.013	−0.016	.	− 15	.	.		
6580	17 42 29	+ 6 55	−39 2	− 3	2.41	−0.23	B2IV	−0.013	−0.028	.	− 10V	.	.		
6581	17 41 25	+ 5 37	−12 52	− 3	4.26	+0.07	A2V	−0.075	−0.057	+.003	− 30V	.	.		R
6582	17 45 44	+ 9 49	−64 44	− 3	3.61	+1.18	K1III	−0.009	−0.059	+.017	− 8	.	.		
6583	17 42 51	+ 6 47	−36 57	− 3	5.58 H	.	K2	−0.002	−0.037	.	− 4	.	.		
6584	17 39 58	+ 3 47	+31 12	− 3	6.03 R	.	gM2	−0.017	+0.010	.	− 9	.	.		
6585	17 44 8	+ 7 56	−51 50	− 3	5.12	+0.70	G5V	−0.021	−0.197	+.071	− 12	.	.		
6586	17 44 56	+ 8 37	−57 33	− 3	6.14 H	.	G5	+0.009	−0.006	.		5.9	30.		
6587	17 43 7	+ 6 34	−33 3	− 3	6.47 H	.	M1	+0.005	−0.002	.		.	.		
6588	17 39 27	+ 2 49	+46 1	− 3	3.80	−0.18	B3V	−0.007	+0.000	−.002	− 20V	.	.		
6589	17 41 11	+ 4 31	+15 10	− 3	6.22 R	+0.40	A2V	−0.016	−0.020	.	− 18	.	.		
6590	17 41 32	+ 4 52	+ 6 19	− 3	5.85 R	.	gG7	−0.009	−0.013	.	− 31	.	.		
6591	17 40 41	+ 3 46	+31 17	− 3	6.30 R	.	K0III	−0.072	−0.077	.	− 6	.	.		
6592	17 41 5	+ 4 6	+24 31	− 3	6.36	+1.20	K1III	−0.023	+0.054	+.001	− 32	2.3	16.4		D
6593	17 43 18	+ 6 18	−27 53	− 3	6.35 H	.	A5	+0.009	−0.012	.		.	.		
6594	17 41 58	+ 4 29	+15 57	− 3	5.45BR	.	dF1	+0.006	+0.096	+.032	− 44	5.5	1.4		2
6595	17 43 26	+ 6 0	−21 41	− 3	4.87	+0.46	F5V	−0.093	−0.049	+.054	+ 11	.	.		
6596	17 36 57	− 0 35	+68 45	− 3	4.81 R	.	F5V	+0.003	+0.322	+.039	− 14V	.	.		*
6597	17 44 42	+ 7 10	−42 44	− 3	6.18 H	.	A2	+0.002	+0.014	.		.1	.1		
6598	17 36 40	− 0 51	+69 34	− 4	6.42 R	.	dG0	−0.063	−0.209	+.015	− 53	.	.		
6599	17 40 38	+ 3 2	+43 28	− 3	6.54 R	.	K2	+0.052	+0.056	.	− 29	.	.		
6600	17 43 49	+ 5 39	−13 31	− 3	5.36	+0.40	F2	−0.053	−0.113	.	− 7	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
6601		− 7 4487	161056	24051	.	10240			17 38 23	− 7 2	18 40	+11 35
6602	83 HER	+24 3231	161074	24028	4041.	10235			17 38 22	+24 37	48 49	+25 27
6603	60 β OPH	+ 4 3489	161096	24048	4042.	10239			17 38 32	+ 4 37	29 13	+17 12
6604		+14 3321	161149	24052	.	10241			17 38 49	+14 20	38 30	+21 25
6605		+57 1791	161162	24010	.	10230			17 38 57	+57 22	85 36	+32 0
6606		+72 800	161178	23968	4043.	10212			17 39 2	+72 31	103 24	+31 21
6607		+51 2243	161193	24025	.	10232			17 39 4	+51 52	79 8	+31 36
6608	84 HER	+24 3237	161239	24059	4046.	10244			17 39 15	+24 22	48 38	+25 10
6609	61 OPH	+ 2 3390	161270	24077	.	10254	10750A		17 39 33	+ 2 37	27 30	+16 3
6610		+ 2 3391	161289	24078	.	10255	10750B		17 39 34	+ 2 37	27 30	+16 2
6611		+14 3329	161321	24075	.	10253	10749		17 39 44	+14 27	38 43	+21 15
6612		+44 2757	161369	24067	.	10247			17 40 8	+44 8	70 14	+30 20
6613		−38 12189	161390	24112	.		I		17 40 13	−38 4	352 18	− 3 0
6614		−55 8312	161420	24136	.				17 40 18	−55 22	337 11	−13 48
6615	ι^1 SCO	−40 11838	161471	24125	4051.	10278	I		17 40 35	−40 5	350 37	− 6 7
6616	3 SGR	−27 11930	161592	24135	4055.	10284		X SGR	17 41 16	−27 48	1 9	+ 0 13
6617		−22 4423	161664	24147	.				17 41 43	−22 27	5 46	+ 2 57
6618		+53 1978	161693	24093	.	10265			17 41 54	+53 51	81 30	+31 22
6619		+31 3090	161695	24116	.	10273			17 41 55	+31 33	56 25	+26 57
6620		−14 4770	161701	24148	.				17 41 55	−14 42	12 26	+ 6 56
6621		−26 12367	161756	24160	.				17 42 13	−26 56	2 0	+ 0 30
6622		−53 8799	161783	24187	.	10309	I		17 42 20	−53 35	338 56	−13 11
6623	86 μ HER	+27 2888	161797	24138	4060.	10285	10786		17 42 33	+27 47	52 28	+25 38
6624		−60 6950	161814	24207	.		I		17 42 36	−60 8	332 59	−16 20
6625		+38 2997	161815	24128	.	10280			17 42 34	+38 55	64 29	+28 48
6626		+39 3219	161832	24131	.	10283	10782		17 42 40	+39 22	64 59	+28 53
6627		+17 3334	161833	24150	.	10291	10795		17 42 43	+17 44	42 15	+21 56
6628		−31 14609	161840	24176	.	10301			17 42 41	−31 40	358 2	− 2 5
6629	62 γ OPH	+ 2 3403	161868	24162	4065.	10295			17 42 53	+ 2 45	28 1	+15 22
6630		−37 11907	161892	24188	4067.	10310			17 43 3	−37 1	353 30	− 4 56
6631	ι^2 SCO	−40 11886	161912	24197	4068.	10312	I		17 43 11	−40 3	350 54	− 6 31
6632		−53 8812	161917	24208	.				17 43 6	−53 6	339 26	−13 3
6633		+ 3 3493	161941	24175	.	10299			17 43 22	+ 3 50	29 4	+15 46
6634		−65 3507	161955	24235	.				17 43 19	−65 28	328 2	−18 48
6635		−76 1226	161988	24315	.		I		17 43 32	−76 1	317 43	−23 6
6636	31 ψ DRA	+72 804	162003	24089	4069.	10263	10759A		17 43 43	+72 12	102 59	+31 2
6637	31 ψ DRA	+72 805	162004	24090	.	10264	10759B		17 43 45	+72 12	102 59	+31 2
6638		+20 3570	162076	24184	.	10306			17 44 7	+20 36	45 15	+22 45
6639		+ 2 3406	162113	24200	.	10314			17 44 16	+ 2 0	27 30	+14 43
6640		−45 11958	162123	24228	.				17 44 21	−45 34	346 13	− 9 31
6641		+47 2537	162132	24173	.	10298			17 44 27	+47 39	74 24	+30 12
6642		+19 3435	162161	24194	.	10311			17 44 27	+19 17	43 58	+22 10
6643		−40 11905	162189	24226	.		I		17 44 31	−40 45	350 25	− 7 6
6644	87 HER	+25 3353	162211	24199	4073.	10313			17 44 46	+25 39	50 26	+24 27
6645		−30 14802	162220	24224	.		IA		17 44 46	−30 32	359 14	− 1 52
6646		−81 799	162337	24431	.				17 45 26	−81 29	312 9	−25 8
6647		−34 12165	162374	24259	.	10328			17 45 33	−34 46	355 41	− 4 12
6648		−34 12170	162391	24261	.				17 45 41	−34 24	356 1	− 4 2
6649		−41 12139	162396	24268	4074.1				17 45 44	−41 58	349 29	− 7 55
6650		+12 3305	162468	24238	.	10324			17 46 5	+11 59	37 1	+18 49

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
6601	17 43 47	+ 5 24	− 7 5	− 3	6.20 H	.	B3Vn	−0.006	−0.010	.	− 26V	.	.		
6602	17 42 28	+ 4 6	+24 34	− 3	5.51	+1.46	K4III	−0.060	−0.108	+.022	− 27	.	.		
6603	17 43 28	+ 4 56	+ 4 34	− 3	2.77	+1.16	K2III	−0.043	+0.154	+.023	− 12	.	.		
6604	17 43 22	+ 4 33	+14 17	− 3	6.12 R	.	dF4	−0.010	+0.027	.	− 42	.	.		
6605	17 40 36	+ 1 39	+57 19	− 3	6.71 R	.	K0	−0.015	+0.031	.	− 14	.	.		
6606	17 37 8	− 1 54	+72 28	− 3	5.82 R	.	G9III	+0.017	+0.019	−.010	+ 8	.	.		
6607	17 41 22	+ 2 18	+51 49	− 3	5.88 R	.	gK0	−0.032	−0.020	.	− 9	.	.		
6608	17 43 21	+ 4 6	+24 19	− 3	5.54 R	.	gG6	−0.119	+0.067	+.004	− 26	.	.		
6609	17 44 34	+ 5 1	+ 2 34	− 3	6.25 H	.	A0	+0.000	+0.011	.	− 31	.3	20.8		*
6610	17 44 35	+ 5 1	+ 2 34	− 3	6.64 H	.	A0	+0.000	+0.007	.	− 30	.3	20.8		D
6611	17 44 17	+ 4 33	+14 24	− 3	6.07 R	.	A m	−0.003	+0.013	.	− 31V	3.1	38.0		*
6612	17 43 6	+ 2 58	+44 5	− 3	6.41 R	.	K4	−0.041	+0.038	.	− 60	.	.		
6613	17 47 5	+ 6 52	−38 6	− 2	6.42	−0.02	B9	−0.006	−0.010	.009D		.3	.2		D
6614	17 48 38	+ 8 20	−55 24	− 2	6.28 H	.	F0	−0.039	+0.024	.		.	.		
6615	17 47 35	+ 7 0	−40 7	− 2	2.98	+0.52	F2Ia	+0.000	−0.004	+.013	− 28V	9.4	38.4		6
6616	17 47 34	+ 6 18	−27 50	− 2	4.20	+1.16	F8	−0.003	−0.014	+.028	− 14V	.	.		
6617	17 47 45	+ 6 2	−22 29	− 2	6.24 H	.	K0	+0.001	−0.016	.		.	.		
6618	17 43 59	+ 2 5	+53 48	− 3	5.73 R	.	A0	+0.019	−0.020	.	− 3V?	.	.		G
6619	17 45 41	+ 3 46	+31 31	− 2	6.14 R	−0.01	A0Ib	−0.006	−0.004	.	+ 2	.	.		
6620	17 47 37	+ 5 42	−14 44	− 2	6.07 H	+0.05	B9	−0.015	−0.026	.	− 25V	.	.		
6621	17 48 28	+ 6 15	−26 58	− 2	6.16 H	.	B3IV	−0.001	−0.018	.	+ 9V	.	.		
6622	17 50 28	+ 8 8	−53 37	− 2	5.90 H	.	B35	−0.017	−0.009	.	− 8V	3.6	12.6		R
6623	17 46 28	+ 3 55	+27 44	− 3	3.35	+0.79	G5IV	−0.313	−0.748	+.108	− 16	6.7	33.7	4	D
6624	17 51 36	+ 9 0	−60 10	− 2	5.77 H	.	gG8	−0.005	−0.032	.		7.2	30.		
6625	17 45 54	+ 3 20	+38 53	− 2	6.42 R	.	K0	+0.004	−0.038	.	− 12	.	.		
6626	17 45 58	+ 3 18	+39 20	− 2	6.46 R	.	K3III	+0.007	+0.011	.	− 32	3.2	8.0		*
6627	17 47 8	+ 4 25	+17 42	− 2	5.66 R	+0.01	A0V	+0.007	−0.012	.004D	+ 2V	2.0	.8		*
6628	17 49 11	+ 6 30	−31 42	− 2	4.82	−0.05	B8V	+0.009	−0.020	.	− 13	.	.		
6629	17 47 54	+ 5 1	+ 2 43	− 2	3.75	+0.04	A0V	−0.024	−0.076	+.032	− 5	.	.		
6630	17 49 51	+ 6 48	−37 3	− 2	3.20	+1.17	K1III	+0.057	+0.028	+.032	+ 25	.	.		
6631	17 50 11	+ 7 0	−40 5	− 2	4.80	+0.25	cA3	+0.003	−0.011	−.007	− 18	6.1	32.9		
6632	17 51 11	+ 8 5	−53 8	− 2	6.40 H	.	A0	+0.003	−0.016	.		.	.		
6633	17 48 20	+ 4 58	+ 3 48	− 2	6.15 R	.	A0	+0.003	+0.001	.	− 44	.	.		
6634	17 53 19	+ 10 0	−65 30	− 2	6.48	+1.08	gK0	−0.016	−0.088	.		.	.		
6635	17 57 36	+ 14 4	−76 2	− 1	6.06	+1.20	K2	+0.008	+0.014	.		7.6	29.7		
6636	17 41 56	− 1 47	+72 9	− 3	4.90 H	.	F5IV-V	+0.017	−0.268	+.046	− 10	1.2	30.9	4	D
6637	17 41 58	− 1 47	+72 9	− 3	6.07 H	.	dF6	+0.022	−0.281	.	− 10	1.2	30.9	4	D
6638	17 48 24	+ 4 17	+20 34	− 2	5.60 R	.	sgG5	+0.020	−0.006	.	− 26	.	.		
6639	17 49 19	+ 5 3	+ 1 58	− 2	6.33 R	.	K2	−0.028	+0.062	.	− 58	.	.		
6640	17 51 45	+ 7 24	−45 36	− 2	6.19 H	.	G5	+0.003	−0.009	.		.	.		
6641	17 47 8	+ 2 41	+47 37	− 2	6.28 R	.	A0	−0.008	−0.002	.	− 26V	.	.		R
6642	17 48 48	+ 4 21	+19 15	− 2	6.00 R	+0.02	A0IV	−0.010	+0.017	.	− 22	.	.		
6643	17 51 33	+ 7 2	−40 47	− 2	5.96 H	.	gM1	−0.032	−0.056	.		6.0	27.8		
6644	17 48 49	+ 4 3	+25 37	− 2	5.17 R	.	K2III	−0.008	−0.043	+.016	− 26	.	.		
6645	17 51 12	+ 6 26	−30 34	− 2	6.51 H	.	A0	+0.000	−0.016	.		1.2	10.8		4
6646	18 5 27	+ 20 1	−81 30	− 1	6.34	+1.50	K2	+0.022	−0.040	.		.	.		
6647	17 52 13	+ 6 40	−34 48	− 2	5.90	−0.12	B8	+0.001	−0.008	.	− 14	.	.		
6648	17 52 20	+ 6 39	−34 26	− 2	5.84 H	.	gG8	−0.004	−0.001	.		.	.		
6649	17 52 53	+ 7 9	−42 0	− 2	6.19	+0.54	F8V	+0.149	−0.201	+.020	− 14	.	.		
6650	17 50 44	+ 4 39	+11 57	− 2	6.21 R	.	K1III-IV	−0.026	−0.028	.	− 49	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
6651		−34 12186	162496	24273	.				17 46 11	−34 6	356 20	− 3 58
6652		−34 12187	162515	24277	.				17 46 15	−35 0	355 34	− 4 27
6653		−35 12013	162517	24278	.				17 46 15	−35 36	355 3	− 4 45
6654		+29 3126	162555	24241	.	10325			17 46 30	+29 21	54 25	+25 19
6655		+22 3227	162570	24251	.	10326			17 46 36	+22 20	47 13	+22 52
6656	30 DRA	+50 2468	162579	24221	4076.	10320			17 46 41	+50 48	78 4	+30 18
6657		−34 12200	162586	24290	.		I		17 46 40	−34 42	355 52	− 4 22
6658		−34 12203	162587	24294	.		I		17 46 43	−34 52	355 44	− 4 27
6659		− 1 3412	162596	24271	.				17 46 49	− 1 12	24 55	+12 38
6660		−34 12219	162678	24307	.				17 47 5	−34 46	355 51	− 4 28
6661	Y OPH	− 6 4672	162714	24288	4077.	10337		Y OPH	17 47 17	− 6 7	20 36	+10 8
6662		−34 12226	162724	24314	.			VAR?	17 47 15	−34 44	355 54	− 4 29
6663		−34 12228	162725	24318	.				17 47 18	−34 48	355 51	− 4 32
6664	88 HER	+48 2581	162732	24253	.	10327			17 47 26	+48 25	75 22	+29 50
6665		+15 3292	162734	24281	.	10336	10850		17 47 28	+15 21	40 25	+19 56
6666		−10 4560	162757	24301	.	10340			17 47 30	−10 53	16 27	+ 7 43
6667		+ 1 3528	162774	24295	.	10338		VAR?	17 47 31	+ 1 20	27 18	+13 41
6668		−34 12244	162817	24329	.				17 47 48	−34 27	356 12	− 4 26
6669		+40 3225	162826	24279	.	10334			17 47 59	+40 6	66 4	+28 4
6670		+ 6 3566	162917	24320	4080.	10349			17 48 22	+ 6 7	31 47	+15 43
6671		−36 12008	162926	24344	.				17 48 22	−36 27	354 32	− 5 33
6672		−24 13615	162978	24347	.	10354			17 48 45	−24 52	4 32	+ 0 19
6673		+40 3228	162989	24309	4081.	10346			17 48 49	+40 0	66 0	+27 53
6674		+46 2379	163075	24317	.	10348			17 49 14	+46 41	73 27	+29 14
6675		−44 12201	163145	24374	4085.	10366			17 49 30	−44 20	347 45	− 9 41
6676		+11 3283	163151	24349	4085.1	10355			17 49 34	+11 9	36 37	+17 41
6677	90 HER	+40 3233	163217	24342	4086.	10351	10875		17 50 3	+40 2	66 6	+27 40
6678		−40 12001	163234	24383	.				17 49 55	−40 17	351 21	− 7 45
6679		−18 4686	163245	24369	.	10362			17 50 2	−18 47	9 55	+ 3 10
6680		−28 13878	163318	24386	.				17 50 23	−28 3	1 59	− 1 38
6681		−15 4722	163336	24384	.		10891		17 50 34	−15 48	12 33	+ 4 35
6682		−41 12231	163376	24402	4089.	10380			17 50 41	−41 42	350 11	− 8 35
6683		−39 12058	163433	24411	.		I		17 51 2	−39 7	352 29	− 7 21
6684		+ 0 3813	163472	24393	.	10375		VAR?	17 51 13	+ 0 41	27 9	+12 34
6685	89 HER	+26 3120	163506	24382	4091.	10371		V441 HER	17 51 23	+26 4	51 26	+23 12
6686		− 4 4376	163532	24398	.	10378			17 51 31	− 4 4	22 56	+10 13
6687		+22 3237	163547	24392	.	10374			17 51 39	+22 29	47 51	+21 50
6688	32 ξ DRA	+56 2033	163588	24364	4093.	10361			17 51 48	+56 53	85 10	+30 14
6689		+ 0 3816	163624	24414	.	10384	10912		17 51 57	+ 0 5	26 42	+12 7
6690		+ 6 3578	163641	24413	.	10383			17 52 4	+ 6 30	32 34	+15 4
6691		−36 12060	163652	24435	.		I		17 52 8	−36 51	354 34	− 6 25
6692		−28 13936	163685	24434	.				17 52 18	−28 45	1 36	− 2 21
6693		−30 15035	163755	24451	4095.	10405	IA	VAR?	17 52 40	−30 15	0 21	− 3 11
6694		−30 15035	163756	24452	.		IB	VAR?	17 52 40	−30 15	0 21	− 3 11
6695	91 θ HER	+37 2982	163770	24415	4096.	10385		VAR?	17 52 49	+37 16	63 16	+26 26
6696		+11 3299	163772	24422	.	10387			17 52 46	+11 3	36 53	+16 56
6697		+24 3283	163840	24423	.	10389			17 53 7	+24 1	49 31	+22 5
6698	64 ν OPH	− 9 4632	163917	24468	4103.	10415			17 53 31	− 9 46	18 10	+ 6 59
6699		+55 1995	163929	24410	.	10382			17 53 34	+55 59	84 9	+29 54
6700	4 SGR	−23 13731	163955	24483	4104.	10420			17 53 41	−23 48	6 2	+ 0 7

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
6651	17 52 49	+ 6 38	−34 8	− 2	6.12 H	.	gK1	−0.001	+0.013	.		.	.		
6652	17 52 56	+ 6 41	−35 2	− 2	6.48 H	.	A0	+0.012	+0.004	.		.	.		
6653	17 52 58	+ 6 43	−35 38	− 2	6.04 H	.	F2	+0.043	−0.050	.		.	.		
6654	17 50 23	+ 3 53	+29 19	− 2	5.42 R	.	K1III	+0.025	+0.046	.	− 15	.	.		
6655	17 50 49	+ 4 13	+22 18	− 2	5.93 R	.	A2	+0.010	−0.021	.	+ 4	.	.		
6656	17 49 4	+ 2 23	+50 47	− 1	5.11 R	.	A2	−0.052	+0.204	−.007	− 55V?	.	.		
6657	17 53 20	+ 6 40	−34 43	− 1	6.13	−0.04	B9	+0.002	−0.005	.005D		.1	.6		2
6658	17 53 23	+ 6 40	−34 53	− 1	5.55	+1.14	gG8	−0.012	−0.014	.003D		.1	.5		*
6659	17 51 59	+ 5 10	− 1 14	− 2	6.45 H	.	K0	−0.018	−0.004	.		.	.		
6660	17 53 45	+ 6 40	−34 47	− 1	5.91	−0.01	A0	+0.006	−0.007	.		.	.		
6661	17 52 39	+ 5 22	− 6 8	− 1	6.10	+1.30	G0p	+0.003	−0.012	−.004	− 5V	.	.		
6662	17 53 55	+ 6 40	−34 45	− 1	6.08 H	.	B9	+0.018	−0.007	.	− 2	.8	.1		
6663	17 53 58	+ 6 40	−34 49	− 1	6.42	+0.01	A p	+0.004	−0.027	.		.	.		
6664	17 50 3	+ 2 37	+48 23	− 2	6.40 R	−0.15	A p	−0.002	+0.009	.	− 16	.	.		S
6665	17 51 59	+ 4 31	+15 20	− 1	6.40 R	.	K0III	−0.004	+0.026	.004D	− 43	.3	.8	4	D
6666	17 53 3	+ 5 33	−10 54	− 1	6.34 H	.	gK1	+0.050	−0.038	.	− 35	.	.		
6667	17 52 35	+ 5 4	+ 1 19	− 1	5.98 R	.	K5	−0.051	−0.020	.	− 65	.	.		
6668	17 54 27	+ 6 39	−34 28	− 1	6.05 H	.	A0	+0.007	+0.002	.		.	.		
6669	17 51 14	+ 3 15	+40 4	− 2	6.41 R	.	dF8	−0.017	+0.007	.	+ 2	.	.		
6670	17 53 14	+ 4 52	+ 6 6	− 1	5.73 R	.	dF4	−0.127	+0.069	+.040	− 33V	.	.		
6671	17 55 8	+ 6 46	−36 28	− 1	6.06 H	.	A0	−0.017	−0.012	.		.	.		
6672	17 54 54	+ 6 9	−24 53	− 1	6.20	+0.04	O8	−0.007	−0.007	.	− 11	.	.		
6673	17 52 4	+ 3 15	+39 59	− 1	5.90 R	.	gK4	−0.017	+0.047	+.014	− 66V?	.	.		6
6674	17 52 0	+ 2 46	+46 39	− 2	6.40 R	.	K0	+0.035	−0.129	.	− 28	.	.		
6675	17 56 48	+ 7 18	−44 21	− 1	4.85	+1.21	gK0	−0.014	−0.016	+.010	+ 45	.	.		
6676	17 54 15	+ 4 41	+11 8	− 1	6.20 R	.	F5	−0.077	−0.176	+.010	− 41V	.	.		6
6677	17 53 18	+ 3 15	+40 1	− 1	4.93BR	.	K3III	+0.007	+0.048	+.014	− 35	3.3	2.0		2
6678	17 56 56	+ 7 1	−40 18	− 1	6.48 H	.	K5	+0.013	+0.002	.		.	.		
6679	17 55 55	+ 5 53	−18 48	− 1	6.40 H	.	A0	+0.011	−0.025	.	+ 4	.	.		G
6680	17 56 42	+ 6 19	−28 4	− 1	5.76 H	.	A3	+0.038	−0.023	.		.	.		
6681	17 56 19	+ 5 45	−15 49	− 1	5.94 H	.	A0	−0.013	−0.067	.		2.5	20.9	3	D
6682	17 57 47	+ 7 6	−41 43	− 1	4.87	+1.66	gK6	−0.019	−0.014	−.010	+ 4	.	.		
6683	17 57 58	+ 6 56	−39 8	− 1	6.39 H	.	A0	−0.009	−0.042	.		1.9	.8		2
6684	17 56 19	+ 5 6	+ 0 40	− 1	5.67 R	.	B2V	−0.009	+0.000	.	− 18V	.	.		
6685	17 55 25	+ 4 2	+26 3	− 1	5.47	+0.35	F2Ia	+0.000	+0.004	−.006	− 29V?	.	.		6
6686	17 56 48	+ 5 17	− 4 5	− 1	5.60 H	.	gG9	−0.015	−0.011	.	− 39	.	.		
6687	17 55 51	+ 4 12	+22 28	− 1	5.53 R	.	gK3	−0.006	−0.003	.	− 44	.	.		
6688	17 53 32	+ 1 44	+56 52	− 1	3.76 R	.	K2III	+0.093	+0.074	+.031	− 26V?	.	.		
6689	17 57 4	+ 5 7	+ 0 4	− 1	5.91 R	.	A2	+0.025	−0.019	.004D	− 11	.2	1.0		2
6690	17 56 56	+ 4 52	+ 6 29	− 1	6.13 R	.	A0	+0.022	−0.001	.	− 14	.	.		
6691	17 58 56	+ 6 48	−36 52	− 1	5.78 H	.	gG9	+0.005	+0.010	.		2.9	49.4		D
6692	17 58 39	+ 6 21	−28 46	− 1	5.95 H	.	B3IV	−0.001	−0.015	.		.	.		
6693	17 59 5	+ 6 25	−30 16	− 1	5.27 H	.	M2I-IIb	−0.001	−0.016	+.005	− 20	1.7	6.2	3	D
6694	17 59 5	+ 6 25	−30 16	− 1	7.00 H	.	G8II	−0.022	−0.007	.		1.7	6.2	3	D
6695	17 56 15	+ 3 26	+37 15	− 1	3.84 R	.	K1II	+0.004	+0.002	−.002	− 27	.	.		
6696	17 57 27	+ 4 41	+11 2	− 1	6.49 R	+0.11	A2V	−0.022	−0.027	.	− 16V	.	.		6
6697	17 57 15	+ 4 8	+24 0	− 1	6.30 R	.	G0	−0.027	+0.072	.	− 34	.	.		6
6698	17 59 1	+ 5 30	− 9 47	− 1	3.34	+1.00	G9III	−0.009	−0.118	+.015	+ 12	.	.		
6699	17 55 24	+ 1 50	+55 58	− 1	6.01 R	.	gF1	+0.031	+0.116	.	− 27	.	.		
6700	17 59 47	+ 6 6	−23 49	− 1	4.76	−0.04	A0	+0.000	−0.048	+.005	− 22V	.	.		

BS = HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
6701	35 DRA	+76 667	163989	24343	4105.	10352			17 53 56	+76 59	108 25	+29 51
6702		+45 2627	163990	24428	.	10391		OP HER	17 53 56	+45 22	72 10	+28 10
6703	92 ξ HER	+29 3156	163993	24448	4106.	10402		VAR?	17 53 53	+29 16	54 55	+23 47
6704		−20 4940	164028	24490	.				17 54 3	−20 20	9 4	+ 1 34
6705	33 γ DRA	+51 2282	164058	24432	4107.	10394	10923		17 54 17	+51 30	79 3	+29 13
6706		− 4 4384	164064	24487	.	10422			17 54 18	− 4 48	22 38	+ 9 15
6707	94 ν HER	+30 3093	164136	24478	4108.	10419			17 54 41	+30 12	55 57	+23 55
6708		−36 12115	164245	24512	.				17 55 3	−36 22	355 17	− 6 41
6709		+ 0 3832	164258	24499	.	10434			17 55 10	+ 0 38	27 35	+11 40
6710	57 ζ SER	− 3 4217	164259	24503	4109.	10438			17 55 12	− 3 41	23 44	+ 9 36
6711		+36 2986	164280	24488	.	10423			17 55 13	+36 18	62 23	+25 42
6712	66 OPH	+ 4 3570	164284	24500	.	10436		VAR?	17 55 19	+ 4 22	30 59	+13 22
6713	93 HER	+16 3335	164349	24502	4110.	10437			17 55 36	+16 45	42 37	+18 43
6714	67 OPH	+ 2 3458	164353	24509	4111.	10439	10966		17 55 38	+ 2 56	29 43	+12 38
6715	6 SGR	−17 4987	164358	24517	.	10445			17 55 34	−17 9	11 59	+ 2 52
6716		−22 4503	164402	24526	.	10452	10983		17 55 51	−22 47	7 9	+ 0 2
6717		+78 616	164428	24370	.	10363			17 55 49	+78 20	109 57	+29 37
6718		+45 2635	164429	24495	.	10432			17 56 1	+45 28	72 22	+27 50
6719		+ 6 3597	164432	24515	.	10444			17 56 0	+ 6 16	32 48	+14 6
6720		+19 3494	164447	24510	.	10441			17 56 8	+19 31	45 21	+19 43
6721	χ OCT	−87 274	164461	25207	.	10937			17 56 5	−87 40	305 38	−27 8
6722		+15 3327	164507	24522	.	10449			17 56 26	+15 7	41 8	+17 52
6723	68 OPH	+ 1 3560	164577	24534	4114.	10456	10990	VAR?	17 56 41	+ 1 18	28 22	+11 39
6724	7 SGR	−24 13793	164584	24555	4115.	10469			17 56 43	−24 17	5 57	+ 0 57
6725	34 DRA	+72 818	164613	24459	.	10409			17 56 55	+72 1	102 41	+30 2
6726		+33 3006	164614	24523	.	10451			17 56 56	+33 14	59 16	+24 26
6727		−22 4516	164637	24558	.	10472			17 56 58	−22 43	7 20	+ 0 13
6728		+45 2638	164646	24518	4118.	10446			17 57 5	+45 30	72 27	+27 40
6729	95 HER	+21 3280	164668	24538	.	10460	10993B		17 57 15	+21 36	47 30	+20 18
6730	95 HER	+21 3280	164669	24539	4119.	10461	10993A		17 57 16	+21 36	47 30	+20 18
6731		−75 1410	164712	24680	4120.		I		17 57 16	−75 54	318 9	−23 51
6732		− 5 4560	164716	24561	.				17 57 26	− 5 21	22 32	+ 8 18
6733	69 τ OPH	− 8 4549	164764	24565	.	10479	11005B	VAR?	17 57 38	− 8 11	20 3	+ 6 53
6734	69 τ OPH	− 8 4549	164765	24565	4122.		11005A	VAR?	17 57 38	− 8 11	20 3	+ 6 53
6735		+75 647	164780	24462	4124.	10411			17 57 44	+75 11	106 20	+29 47
6736	9 SGR	−24 13814	164794	24574	.	10488			17 57 45	−24 22	6 0	− 1 12
6737		+33 3009	164824	24554	.	10468	10998		17 57 56	+33 19	59 25	+24 16
6738	96 HER	+20 3649	164852	24563	4125.	10475			17 58 7	+20 50	46 50	+19 49
6739		−35 12229	164870	24597	.		I		17 58 6	−35 54	356 0	− 6 59
6740		−64 3796	164871	24640	.				17 58 0	−64 33	329 35	−19 50
6741	97 HER	+22 3260	164900	24568	.	10482			17 58 19	+22 55	48 54	+20 34
6742	W SGR	−29 14447	164975	24605	.	10519	11029	W SGR	17 58 38	−29 35	1 34	− 3 58
6743	θ ARA	−50 11720	165024	24635	.	10529			17 58 51	−50 6	343 20	−13 49
6744		+19 3508	165029	24583	.	10495			17 58 55	+19 37	45 43	+19 10
6745	π PAV	−63 4292	165040	24665	4130.	10548		VAR?	17 58 57	−63 40	330 30	−19 35
6746	10 γ SGR	−30 15215	165135	24632	4131.	10526		VAR?	17 59 23	−30 26	0 55	− 4 32
6747		+ 1 3578	165174	24617	.	10522		V986 OPH	17 59 34	+ 1 55	29 16	+11 18
6748		−36 12214	165185	24643	.				17 59 38	−36 2	356 2	− 7 19
6749		−43 12272	165189	24649	.		IA		17 59 36	−43 26	349 27	−10 51
6750		−43 12272	165190	24649	.		IB		17 59 36	−43 26	349 27	−10 51

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
6701	17 49 27	− 4 29	+76 58	− 1	5.09 R	.	F6IV-V	+0.037	+0.242	+.031	− 23	.	.		
6702	17 56 48	+ 2 52	+45 21	− 1	6.22 H	.	M6s	+0.004	−0.033	.	+ 13	.	.		
6703	17 57 46	+ 3 53	+29 15	− 1	3.68 R	.	G9III	+0.085	−0.019	+.018	− 2	.	.		
6704	18 0 0	+ 5 57	−20 20	− 0	6.48 H	.	K0II-III	+0.004	−0.011	.		.	.		
6705	17 56 36	+ 2 19	+51 29	− 1	2.22	+1.52	K5III	−0.011	−0.024	+.017	− 28	8.8	125.4	7	V
6706	17 59 36	+ 5 18	− 4 49	− 1	5.98 H	.	gK5	−0.018	−0.096	.	− 32	.	.		
6707	17 58 31	+ 3 50	+30 12	+ 0	4.48 R	.	F2II	−0.005	+0.003	+.001	− 22	.	.		
6708	18 1 49	+ 6 46	−36 22	− 0	6.32 H	.	B9	−0.011	−0.020	.		.	.		
6709	18 0 16	+ 5 6	+ 0 38	+ 0	6.26 R	.	A p	−0.010	+0.001	.	− 34V?	.	.		
6710	18 0 29	+ 5 17	− 3 41	− 0	4.62	+0.38	F3V	+0.144	−0.048	+.043	− 43V	.	.		
6711	17 58 42	+ 3 29	+36 17	− 1	5.87 R	.	gG5	+0.002	−0.060	.	+ 10	.	.		
6712	18 0 16	+ 4 57	+ 4 22	+ 0	4.84	−0.05	B2Ve	−0.001	−0.016	.	− 11	.	.		
6713	18 0 3	+ 4 27	+16 45	+ 0	4.60 R	.	K0II-III	−0.004	−0.010	+.002	− 23	.	.		
6714	18 0 38	+ 5 0	+ 2 56	+ 0	3.97	+0.02	B5Ib	−0.003	−0.011	−.008	− 4	4.0	55.8	5	D
6715	18 1 23	+ 5 49	−17 9	− 0	6.31 H	.	K3III	+0.000	−0.009	.	− 22	.	.		
6716	18 1 54	+ 6 3	−22 47	− 0	5.73 H	.	B0Ib	−0.004	−0.013	.	− 13	6.5	8.2	3	G
6717	17 50 10	− 5 39	+78 19	− 1	6.23 R	.	K5	+0.016	+0.016	.	− 7	.	.		
6718	17 58 53	+ 2 52	+45 28	+ 0	6.24 R	−0.07	A p	−0.001	+0.022	.	− 19	.	.		
6719	18 0 53	+ 4 53	+ 6 16	+ 0	6.16 R	.	B3III	+0.000	−0.006	.	− 22	.	.		
6720	18 0 28	+ 4 20	+19 31	+ 0	6.38 R	−0.06	B7IVne?	+0.011	−0.005	.	− 29	.	.		
6721	18 54 48	+ 58 43	−87 36	+ 4	5.27	+1.28	K3II	−0.047	−0.132	.	+ 34	.	.		
6722	18 0 57	+ 4 31	+15 7	+ 0	6.16 R	.	G5	−0.064	−0.112	.	+ 4	.	.		
6723	18 1 45	+ 5 4	+ 1 18	+ 0	4.46	+0.02	A1V	+0.010	−0.015	+.015	+ 4V	4.8	1.0		*
6724	18 2 51	+ 6 8	−24 17	− 0	5.35	+0.52	F5II	+0.003	−0.014	+.001	− 12	.	.		
6725	17 55 11	− 1 44	+72 0	− 1	5.46 R	.	F2	+0.003	+0.000	.	− 2V	.	.		
6726	18 0 36	+ 3 40	+33 14	+ 0	5.84 R	.	gK6	−0.008	−0.024	.	− 16	.	.		
6727	18 3 1	+ 6 3	−22 43	− 0	6.73	−0.09	B0.5III	+0.001	+0.002	.	− 4V	.	.		G
6728	17 59 56	+ 2 51	+45 30	+ 0	5.79 R	.	gM0	−0.009	−0.038	+.023	− 10	.	.		
6729	18 1 29	+ 4 14	+21 36	+ 0	5.21 H	.	G5III	+0.007	+0.027	.	− 31	.0	7.0		D
6730	18 1 30	+ 4 14	+21 36	+ 0	5.13 H	.	A7III	+0.008	+0.030	−.001	− 30	.0	7.0		D
6731	18 11 15	+ 13 59	−75 54	− 0	5.85	+1.24	K5	+0.003	−0.287	+.010	+ 12	7.6	25.9		
6732	18 2 46	+ 5 20	− 5 21	− 0	6.61 H	.	A0	+0.006	−0.038	.		.	.		
6733	18 3 5	+ 5 27	− 8 11	− 0	6.04 H	.	F2	+0.024	−0.041	.	− 40V	.7	2.7	3	D
6734	18 3 5	+ 5 27	− 8 11	− 0	5.34 H	.	F2	+0.024	−0.041	+.053	V	.7	2.7	3	*
6735	17 54 26	− 3 18	+75 10	− 1	6.30 R	.	K0	−0.016	+0.022	−.020	− 18	.	.		
6736	18 3 53	+ 6 8	−24 22	− 0	5.97	+0.03	O5	+0.000	−0.003	.	+ 9V	.	.		G
6737	18 1 36	+ 3 40	+33 19	+ 0	6.05 R	.	K5	+0.020	+0.024	.	− 10	7.0	13.9	3	D
6738	18 2 23	+ 4 16	+20 50	+ 0	5.10 R	−0.10	B3V	+0.001	−0.014	−.001	− 15V	.	.		
6739	18 4 50	+ 6 44	−35 54	− 0	5.82 H	.	gK1	−0.023	−0.043	.		6.1	12.6		
6740	18 7 48	+ 9 48	−64 33	− 0	6.40	+1.26	K2	−0.014	−0.056	.		.	.		
6741	18 2 30	+ 4 11	+22 55	+ 0	6.10 R	−0.10	B3V	−0.008	−0.012	.	− 36V	.	.		6
6742	18 5 1	+ 6 23	−29 35	− 0	4.30	+0.80	F8p	+0.010	−0.006	.	− 29V	9.0	47.9	3	D
6743	18 6 38	+ 7 47	−50 6	− 0	3.66	−0.09	B0.5II	−0.015	−0.020	.	+ 3	.	.		
6744	18 3 15	+ 4 20	+19 37	+ 0	6.42 R	+0.01	A0V	+0.020	−0.012	.	− 32	.	.		
6745	18 8 34	+ 9 37	−63 40	− 0	4.34	+0.23	A5V	+0.015	−0.190	+.024	− 16V	.	.		6
6746	18 5 48	+ 6 25	−30 26	− 0	2.98	+1.00	K0III	−0.052	−0.193	+.018	+ 22V	.	.		6
6747	18 4 37	+ 5 3	+ 1 55	+ 0	6.08 R	.	B0.5III	−0.006	−0.006	.	+ 17V	.	.		
6748	18 6 23	+ 6 45	−36 2	− 0	5.94	+0.62	G5	+0.107	+0.011	.	+ 13	.	.		
6749	18 6 50	+ 7 14	−43 26	− 0	5.77 H	.	A5V	−0.004	−0.103	.023D	− 6	.0	1.7		D
6750	18 6 50	+ 7 14	−43 26	− 0	5.77 H	.	A5V	−0.004	−0.103	.022D	− 6	.0	1.7		D

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
6751		−73 1888	165259	24731	4134.		I		17 59 52	−73 41	320 30	−23 17
6752	70 OPH	+ 2 3482	165341	24641	4137.	10531	11046		18 0 24	+ 2 31	29 55	+11 24
6753		+48 2627	165358	24607	.	10517	11028		18 0 32	+48 28	75 52	+27 42
6754		+23 3254	165373	24633	.	10527			18 0 32	+23 56	50 7	+20 29
6755		− 8 4558	165402	24656	.	10545			18 0 40	− 8 20	20 18	+ 6 9
6756		− 4 4395	165438	24660	.	10547			18 0 56	− 4 46	23 28	+ 7 49
6757		− 0 3414	165462	24659	.				18 0 59	− 0 27	27 19	+ 9 52
6758		+12 3383	165475	24655	.	10543	11056		18 1 4	+12 0	38 42	+15 31
6759		−45 12215	165493	24687	.	10561	I		18 1 5	−45 47	347 27	−12 11
6760		−59 7231	165497	24710	.		I		18 1 8	−59 3	335 5	−17 58
6761	ι PAV	−62 5797	165499	24718	4139.	10581			18 1 8	−62 1	332 13	−19 9
6762		−21 4855	165516	24678	.	10554			18 1 11	−21 27	8 56	+ 0 26
6763		+21 3300	165524	24654	.	10542			18 1 16	+21 38	47 55	+19 27
6764		+40 3276	165567	24646	.	10537			18 1 28	+40 5	66 47	+25 34
6765	98 HER	+22 3273	165625	24670	4143.	10551			18 1 49	+22 13	48 32	+19 33
6766		−28 14174	165634	24694	4142.	10565			18 1 45	−28 28	2 53	− 4 1
6767		+41 2968	165645	24658	.	10546	11054		18 1 54	+41 56	68 48	+25 59
6768		+32 3047	165683	24671	.	10552			18 2 6	+32 14	58 36	+23 6
6769		−17 5028	165687	24692	.	10563			18 2 0	−17 10	12 45	+ 1 31
6770	71 OPH	+ 8 3582	165760	24693	4146.	10564			18 2 31	+ 8 43	35 49	+13 45
6771	72 OPH	+ 9 3564	165777	24695	4147.	10566	11076		18 2 37	+ 9 33	36 35	+14 6
6772		−36 12265	165793	24725	.				18 2 36	−36 41	355 45	− 8 9
6773		−25 12793	165814	24719	.				18 2 43	−25 29	5 36	− 2 44
6774		−70 2507	165861	24796	.				18 2 54	−70 46	323 34	−22 32
6775	99 HER	+30 3128	165908	24700	4153.	10568	11077		18 3 14	+30 33	56 58	+22 18
6776		+13 3529	165910	24709	.	10571	11086		18 3 12	+13 3	39 55	+15 30
6777		−32 13814	165978	24742	.				18 3 27	−32 44	359 19	− 6 25
6778		−47 12098	166006	24761	.				18 3 31	−47 32	346 2	−13 21
6779	103 o HER	+28 2925	166014	24711	4154.	10575		o HER	18 3 38	+28 45	55 11	+21 36
6780		−30 15316	166023	24748	.	10599	IA		18 3 39	−30 45	1 5	− 5 29
6781	100 HER	+26 3178	166045	24721	.	10583	11089A	VAR?	18 3 48	+26 5	52 32	+20 36
6782	100 HER	+26 3178	166046	24720	.	10582	11089B	VAR?	18 3 48	+26 5	52 32	+20 36
6783	ε TEL	−45 12251	166063	24767	4155.	10616	I		18 3 48	−45 58	347 30	−12 41
6784		+14 3427	166095	24734	.	10590			18 4 0	+14 16	41 8	+15 51
6785		−13 4863	166103	24750	.				18 4 3	−13 57	15 47	+ 2 41
6786		−41 12491	166114	24769	.	10617			18 4 0	−41 23	351 41	−10 37
6787	102 HER	+20 3674	166182	24740	4160.	10596	11102		18 4 29	+20 48	47 25	+18 26
6788		−33 12917	166197	24771	.	10618		VAR?	18 4 18	−33 49	358 27	− 7 5
6789	23 δ UMI	+86 269	166205	24236	4158.	10323			18 4 33	+86 37	119 17	+28 14
6790		+50 2525	166207	24714	.	10579			18 4 30	+50 48	78 35	+27 31
6791		+43 2892	166208	24724	4159.	10586			18 4 28	+43 27	70 33	+25 54
6792		+49 2732	166228	24722	.	10584	11090		18 4 36	+49 42	77 22	+27 17
6793		+36 3027	166229	24735	4161.	10591			18 4 34	+36 23	63 5	+23 55
6794	101 HER	+20 3675	166230	24743	4162.	10597			18 4 34	+20 2	46 41	+18 7
6795	73 OPH	+ 3 3610	166233	24754	4163.	10604	11111		18 4 36	+ 3 59	31 44	+11 9
6796		−63 4334	166251	24817	.		I		18 4 39	−63 43	330 42	−20 11
6797		+ 3 3613	166285	24764	4165.	10612	11113		18 4 54	+ 3 6	30 58	+10 40
6798		−19 4886	166393	24788	.		11127		18 5 19	−19 52	10 47	+ 0 29
6799		+30 3138	166411	24758	.	10607			18 5 21	+30 26	57 2	+21 50
6800		+ 3 3620	166460	24783	.	10626			18 5 41	+ 3 18	31 14	+10 35

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
6751	18 12 34	+ 12 42	−73 40	+ 1	5.84	+0.47	dF6	−0.053	−0.235	+.024	+ 12	3.6	2.6		2
6752	18 5 27	+ 5 3	+ 2 30	− 1	4.02	+0.88	K0V	+0.256	−1.097	+.188	− 7V	2.0	6.5	5	*
6753	18 3 9	+ 2 37	+48 28	+ 0	6.02 R	.	A0	+0.025	+0.008	.	− 13	1.9	27.6	3	D
6754	18 4 40	+ 4 8	+23 56	+ 0	6.20 R	.	F0	+0.007	−0.061	.	− 33	.	.		6
6755	18 6 7	+ 5 27	− 8 20	− 0	5.79 H	+0.20	B8IV	+0.001	−0.020	.	− 27V	.	.		6
6756	18 6 15	+ 5 19	− 4 46	− 0	5.90 H	.	sgK1	+0.137	−0.035	.	− 19	.	.		*
6757	18 6 7	+ 5 8	− 0 27	− 0	6.52 H	.	G5	−0.022	−0.032	.		.	.		
6758	18 5 43	+ 4 39	+12 0	+ 0	6.45 R	.	A0+Ap	−0.013	−0.003	.009D	+ 13V	1.0	7.1		*
6759	18 8 29	+ 7 24	−45 46	+ 1	6.14	−0.09	B8	−0.015	−0.028	.	− 35V?	4.6	4.1		7
6760	18 9 58	+ 8 50	−59 2	+ 1	6.42 H	.	K5	−0.022	−0.005	.		5.6	40.		
6761	18 10 25	+ 9 17	−62 0	+ 1	5.46	+0.59	G0	−0.084	+0.220	+.046	+ 29V	.	.		6
6762	18 7 11	+ 6 0	−21 26	+ 1	6.29	+0.12	B0.5Ib	−0.011	−0.001	.	− 11	.	.		
6763	18 5 30	+ 4 14	+21 39	+ 1	6.30 R	.	gK3	+0.011	+0.005	.	− 35	.	.		
6764	18 4 43	+ 3 15	+40 5	+ 0	6.40 R	.	F5	+0.025	+0.020	.	− 1	.	.		
6765	18 6 2	+ 4 13	+22 14	+ 1	5.12 R	.	gM2	−0.014	−0.012	+.015	− 20	.	.		
6766	18 8 5	+ 6 20	−28 27	+ 1	4.56	+0.95	G p	+0.026	−0.034	+.017	− 5	.	.		
6767	18 5 1	+ 3 7	+41 57	+ 1	6.36 R	.	F0	−0.026	+0.102	.	− 20V	6.0	23.4		6
6768	18 5 49	+ 3 43	+32 15	+ 1	5.74 R	.	K0	+0.008	−0.031	.	+ 1	.	.		
6769	18 7 48	+ 5 48	−17 9	+ 1	5.52	+1.11	K1III	−0.100	+0.056	.	− 32	.	.		
6770	18 7 18	+ 4 47	+ 8 44	+ 1	4.73 H	.	G8III-IV	+0.006	+0.029	+.018	− 3	.	.		
6771	18 7 21	+ 4 44	+ 9 34	+ 1	3.73	+0.09	A4V	−0.062	+0.078	+.037	− 24	10.0	25.4	3	D
6772	18 9 23	+ 6 47	−36 40	+ 1	6.58 H	.	B1Ibk	−0.014	−0.007	.	+ 39V?	.	.		
6773	18 8 54	+ 6 11	−25 28	+ 1	6.27 H	.	B8	+0.001	+0.012	.		.	.		
6774	18 14 23	+ 11 29	−70 45	+ 1	6.72	−0.03	B9	−0.019	−0.021	.		.	.		
6775	18 7 2	+ 3 48	+30 34	+ 1	5.04	+0.52	F7V	−0.098	+0.067	+.058	+ 1	4.5	1.7		D
6776	18 7 48	+ 4 36	+13 4	+ 1	6.45 R	+0.05	A2V	+0.012	+0.004	.	− 17	3.0	42.7		
6777	18 10 0	+ 6 33	−32 43	+ 1	6.52 H	.	G5	−0.003	−0.153	.	+ 10	.	.		
6778	18 11 4	+ 7 33	−47 31	+ 1	6.06	+1.20	K1III-IV	+0.001	−0.032	.	− 15	5.4	1.7		
6779	18 7 32	+ 3 54	+28 46	+ 1	4.1 H	−0.05	B9V	+0.000	+0.007	−.001	− 30	.	.		
6780	18 10 6	+ 6 27	−30 44	+ 1	5.52	+0.97	K0	+0.000	−0.031	.004D	+ 0	2.4	4.7		D
6781	18 7 50	+ 4 2	+26 6	+ 1	5.86	+0.12	A3	−0.011	+0.030	.012D	− 15V?	.0	14.6		D
6782	18 7 50	+ 4 2	+26 6	+ 1	5.90	+0.14	A3	−0.007	+0.030	.012D	− 17	.0	14.6		D
6783	18 11 13	+ 7 25	−45 57	+ 1	4.52	+1.01	G8III	−0.018	−0.039	+.016	− 26	8.9	21.2		
6784	18 8 33	+ 4 33	+14 17	+ 1	6.26 R	+0.17	A m	−0.016	−0.018	.	− 9	.	.		
6785	18 9 44	+ 5 41	−13 56	+ 1	6.50 H	.	K0	+0.003	−0.005	.		.	.		
6786	18 11 5	+ 7 5	−41 22	+ 1	5.90 H	.	A5	+0.027	−0.037	.	− 32V	.	.		
6787	18 8 46	+ 4 17	+20 49	+ 1	4.27 R	.	B2V	+0.000	−0.012	−.015	− 15	7.0	23.4		2
6788	18 10 55	+ 6 37	−33 48	+ 1	6.15	−0.16	B2IIIk	−0.014	+0.009	.	− 32V	.	.		
6789	17 32 11	− 32 22	+86 35	− 2	4.40 R	.	A1V	+0.011	+0.051	+.001	− 8	.	.		
6790	18 6 53	+ 2 23	+50 49	+ 1	6.20 R	.	K0III	−0.003	+0.099	.	− 57	.	.		G
6791	18 7 29	+ 3 1	+43 28	+ 1	4.98 R	.	K0p	−0.002	−0.064	+.010	− 16V?	.	.		
6792	18 7 6	+ 2 30	+49 43	+ 1	6.27 R	.	A0	−0.005	+0.015	.008D	− 26V	4.1	2.2		2
6793	18 8 2	+ 3 28	+36 24	+ 1	5.47	+1.17	K2III	−0.100	−0.187	+.010	− 7	.	.		
6794	18 8 53	+ 4 19	+20 3	+ 1	5.16 R	.	A4	+0.004	−0.024	+.009	− 16	.	.		
6795	18 9 34	+ 4 58	+ 4 0	+ 1	5.59 R	.	F2	+0.034	−0.010	+.022	− 17	1.5	1.5		D
6796	18 14 16	+ 9 37	−63 42	+ 1	6.40 H	.	K2	−0.033	−0.055	.		6.8	19.		
6797	18 9 54	+ 5 0	+ 3 7	+ 1	5.66 R	.	dF4	+0.016	−0.195	+.037	− 14	6.0	7.3		2
6798	18 11 15	+ 5 56	−19 51	+ 1	6.33 H	.	A2	−0.003	−0.032	.008D		.4	1.3		2
6799	18 9 10	+ 3 49	+30 27	+ 1	6.44 R	.	K2	+0.066	+0.128	.	− 80	.	.		
6800	18 10 41	+ 5 0	+ 3 19	+ 1	5.53 R	.	gK2	+0.021	−0.001	.	+ 10	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
6801	1 SGR	−23 14047	166464	24799	4168.	10631	11133		18 5 37	−23 43	7 27	− 2 26
6802		−28 14268	166469	24805	.				18 5 37	−28 55	2 54	− 4 58
6803		+16 3390	166479	24777	.	10623	11123		18 5 41	+16 27	43 23	+16 24
6804		−41 12534	166596	24824	.	10653			18 6 8	−41 22	351 53	−10 58
6805		−63 4343	166599	24861	.	10677	I		18 6 11	−63 5	331 24	−20 6
6806		+38 3095	166620	24778	4171.	10624			18 6 19	+38 27	65 21	+24 12
6807		+36 3039	166640	24787	.	10627			18 6 30	+36 27	63 17	+23 34
6808		−68 3081	166841	24902	.		I		18 7 19	−68 16	326 15	−22 3
6809	40 DRA	+79 570	166865	24667	.	10549	11061B	VAR?	18 7 32	+79 59	111 46	+28 54
6810	41 DRA	+79 571	166866	24669	4176.	10550	11061A		18 7 38	+79 59	111 46	+28 54
6811	24 UMI	+86 272	166926	24266	.	10331			18 7 48	+87 0	119 43	+28 8
6812	13 μ SGR	−21 4908	166937	24856	4178.	10672	11169	μ SGR	18 7 47	−21 5	10 0	− 1 35
6813		− 4 4415	166960	24849	.				18 7 53	− 4 3	24 56	+ 6 39
6814		+33 3044	166988	24829	.	10655	11149		18 8 6	+33 26	60 17	+22 18
6815	104 HER	+31 3199	167006	24831	4180.	10658		VAR?	18 8 8	+31 23	58 12	+21 36
6816	14 SGR	−21 4916	167036	24871	.	10684			18 8 15	−21 44	9 29	− 2 0
6817		+54 1950	167042	24820	4181.	10648			18 8 29	+54 15	82 32	+27 33
6818		−44 12456	167096	24892	.				18 8 36	−44 14	349 29	−12 40
6819		−56 8706	167128	24906	.	10712			18 8 42	−56 3	338 23	−17 41
6820		+21 3347	167193	24869	.	10683			18 9 2	+21 51	48 53	+17 53
6821		−51 11460	167257	24909	.				18 9 8	−51 6	343 8	−15 43
6822	15 SGR	−20 5054	167264	24893	.	10698			18 9 15	−20 45	10 28	− 1 44
6823	16 SGR	−20 5055	167263	24895	.	10699	11191		18 9 16	−20 25	10 45	− 1 34
6824		+41 3011	167304	24868	.	10682			18 9 32	+41 7	68 21	+24 23
6825		−18 4864	167356	24900	.	10706	11196		18 9 38	−18 42	12 18	+ 0 49
6826		+38 3113	167370	24874	.	10685			18 9 45	+38 45	65 53	+23 39
6827		+60 1813	167387	24848	.	10667			18 9 55	+60 23	89 26	+28 15
6828		−63 4370	167425	24958	4187.		R6748		18 10 0	−63 55	330 44	−20 48
6829	ϕ OCT	−75 1417	167468	24999	.	10789			18 10 9	−75 5	319 16	−24 22
6830		− 3 4259	167564	24913	.				18 10 42	− 3 39	25 38	+ 6 13
6831		+29 3213	167588	24903	4190.	10708			18 10 51	+29 11	56 13	+20 17
6832	η SGR	−36 12423	167618	24944	4191.	10737	I		18 10 52	−36 48	356 26	− 9 40
6833	RS SGR	−34 12673	167647	24947	.	10740	I	RS SGR	18 10 58	−34 8	358 50	− 8 27
6834		+ 2 3547	167654	24914	.	10726			18 11 4	+ 2 21	31 1	+ 8 57
6835		−28 14407	167666	24941	.				18 11 4	−28 41	3 41	− 5 54
6836		−28 14408	167665	24939	.				18 11 4	−28 19	4 1	− 5 44
6837		−80 849	167714	25089	.				18 11 18	−80 17	313 44	−25 46
6838		−17 5112	167720	24946	.	10739			18 11 22	−17 24	13 38	+ 0 32
6839		−42 13101	167756	24963	.	10752			18 11 31	−42 20	351 28	−12 17
6840		− 3 4263	167768	24945	4194.	10738			18 11 39	− 3 2	26 17	+ 6 18
6841		−18 4886	167771	24950	.	10742	R6746		18 11 37	−18 30	12 42	− 1 7
6842		−27 12684	167818	24961	4196.	10749			18 11 48	−27 5	5 11	− 5 17
6843		− 9 4678	167833	24952	.				18 11 54	− 9 48	20 21	+ 3 1
6844		+ 0 3907	167858	24949	.				18 12 0	+ 0 58	29 53	+ 8 6
6845		+42 3035	167965	24936	.	10734			18 12 32	+42 8	69 35	+24 8
6846		−25 12995	167979	24976	.				18 12 30	−25 39	6 31	− 4 44
6847		+45 2684	168009	24937	4198.	10735			18 12 40	+45 10	72 48	+24 55
6848		−18 4896	168021	24978	.	10764	11240		18 12 51	−18 39	12 43	− 1 27
6849		+56 2080	168092	24927	.	10730	11213		18 12 56	+56 33	85 13	+27 19
6850	36 DRA	+64 1252	168151	24916	4200.	10727			18 13 19	+64 22	93 59	+28 18

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
6801	18 11 43	+ 6 6	−23 42	+ 1	5.13 H	.	gK0	+0.015	−0.025	+.008	+ 4	5.1	42.3		
6802	18 11 58	+ 6 21	−28 54	+ 1	6.38 H	.	A p	+0.016	−0.010	.		.	.		
6803	18 10 9	+ 4 28	+16 28	+ 1	6.03 R	.	F2+A0	−0.009	−0.012	.004D	− 13	1.1	1.5		2
6804	18 13 13	+ 7 5	−41 21	+ 1	5.46	−0.18	B3	−0.017	−0.006	.	− 15	.	.		
6805	18 15 41	+ 9 30	−63 3	+ 2	5.61 H	.	K0	−0.022	−0.035	.	− 7	5.4	42.1		3
6806	18 9 38	+ 3 19	+38 27	+ 0	6.40	+0.87	K2V	−0.310	−0.475	+.100	− 19	.	.		
6807	18 9 59	+ 3 29	+36 28	+ 1	5.75 R	.	gG7	+0.007	+0.010	.	− 26	.	.		
6808	18 18 1	+ 10 42	−68 14	+ 2	6.32	−0.04	A0	+0.000	−0.016	.		4.0	2.5		
6809	18 0 4	− 7 28	+80 0	+ 1	6.04	+0.51	dF5	+0.046	+0.126	.	+ 4V	.7	20.6		*
6810	18 0 10	− 7 28	+80 0	+ 1	5.68	+0.50	dF6	+0.043	+0.119	+.021	+ 10V?	.7	20.6		*
6811	17 30 43	− 37 5	+86 58	− 2	5.82 R	.	A m	+0.053	+0.003	.	+ 1	.	.		
6812	18 13 46	+ 5 59	−21 3	+ 2	3.86	+0.24	B8Iap	+0.001	−0.003	+.007	− 6V	5.5	48.8	5	*
6813	18 13 10	+ 5 17	− 4 1	+ 2	6.57 H	.	A m	+0.006	+0.033	.		.	.		
6814	18 11 45	+ 3 39	+33 27	+ 1	5.81 R	+0.01	A2III	+0.008	+0.005	.	− 32V	4.0	.7		*
6815	18 11 54	+ 3 46	+31 24	+ 1	4.92 R	.	gM3	−0.013	+0.019	+.007	− 0	.	.		
6816	18 14 15	+ 6 0	−21 42	+ 2	5.73 H	.	gK3	−0.010	−0.027	.	− 59	.	.		
6817	18 10 32	+ 2 3	+54 17	+ 2	5.94	+0.94	K1III	+0.113	+0.248	+.020	− 16	.	.		
6818	18 15 54	+ 7 18	−44 12	+ 2	5.55 H	.	g?K0	+0.071	+0.007	.		.	.		
6819	18 17 7	+ 8 25	−56 1	+ 2	5.54 H	.	B3V	−0.021	−0.021	.	+ 12V	.	.		6
6820	18 13 16	+ 4 14	+21 53	+ 2	6.12	+1.47	K4III	+0.058	+0.046	.	− 66	.	.		
6821	18 17 1	+ 7 53	−51 4	+ 2	6.27 H	.	B9	−0.004	−0.024	.		.	.		
6822	18 15 13	+ 5 58	−20 43	+ 2	5.38	+0.07	B0Ia	+0.003	−0.001	.	− 6V	.	.		
6823	18 15 13	+ 5 57	−20 23	+ 2	5.98	+0.04	O9II	−0.003	−0.003	.	− 5V	7.0	6.2		5
6824	18 12 43	+ 3 11	+41 9	+ 2	6.10 R	.	K0III	−0.019	−0.050	.	− 48	.	.		
6825	18 15 31	+ 5 53	−18 40	+ 2	6.08 H	.	A0Ia	+0.013	+0.002	.	− 1V	5.7	11.1		
6826	18 13 5	+ 3 20	+38 47	+ 2	5.85 R	−0.08	B8V	−0.015	+0.007	.	− 9V	.	.		6
6827	18 11 7	+ 1 12	+60 25	+ 2	6.27 R	.	A0	−0.013	+0.005	.	− 22	.	.		
6828	18 19 40	+ 9 40	−63 53	+ 2	6.16	+0.58	G0	+0.042	−0.290	+.010	− 2	4.6	7.5		7
6829	18 23 36	+ 13 27	−75 2	+ 3	5.46	+0.02	A0	+0.001	+0.027	.	+ 1	.	.		
6830	18 15 58	+ 5 16	− 3 37	+ 2	6.30 H	.	A3	+0.012	+0.017	.		.	.		
6831	18 14 44	+ 3 53	+29 12	+ 1	6.41 R	.	G0	+0.009	−0.252	+.013	+ 3	.	.		
6832	18 17 38	+ 6 46	−36 46	+ 2	3.12	+1.56	M3II	−0.141	−0.167	+.038	+ 1	6.0	4.4		2
6833	18 17 36	+ 6 38	−34 6	+ 2	6.1 H	.	B5+A2	−0.017	−0.013	.	+ 10V	3.6	39.0		*
6834	18 16 6	+ 5 2	+ 2 23	+ 2	6.14 R	.	gM4	−0.007	−0.018	.	+ 22	.	.		
6835	18 17 24	+ 6 20	−28 39	+ 2	6.04 H	.	A4	+0.003	−0.032	.		.	.		
6836	18 17 24	+ 6 20	−28 17	+ 2	6.39	+0.54	G0V	+0.132	−0.162	.	+ 7	.	.		
6837	18 29 20	+ 18 2	−80 14	+ 3	5.94	+1.16	gK1	−0.024	−0.061	.		.	.		
6838	18 17 11	+ 5 49	−17 22	+ 2	5.98 H	.	K4II-III	−0.004	−0.022	.	− 7	.	.		
6839	18 18 40	+ 7 9	−42 18	+ 2	6.48 H	.	B0	−0.010	−0.007	.	− 25	.	.		
6840	18 16 53	+ 5 14	− 3 0	+ 2	6.00	+0.89	G8III	+0.007	−0.270	+.005	+ 2	.	.		
6841	18 17 29	+ 5 52	−18 28	+ 2	6.52	+0.11	O8	−0.004	−0.003	.	+ 9V	7.1	8.4		G
6842	18 18 4	+ 6 16	−27 3	+ 2	4.66	+1.68	gK5	+0.007	+0.000	+.026	− 17	.	.		
6843	18 17 24	+ 5 30	− 9 46	+ 2	6.30 H	.	A5III	+0.000	−0.067	.		.	.		
6844	18 17 5	+ 5 5	+ 1 0	+ 2	6.48 R	.	F0	−0.015	−0.029	.		.	.		
6845	18 15 39	+ 3 7	+42 10	+ 2	5.51 R	.	B6V?	−0.009	−0.006	.	− 21	.	.		
6846	18 18 41	+ 6 11	−25 37	+ 2	6.43 H	.	gK1	−0.005	−0.035	.		.	.		
6847	18 15 32	+ 2 52	+45 12	+ 2	6.17 R	.	dG0	−0.072	−0.114	+.046	− 64	.	.		
6848	18 18 43	+ 5 52	−18 37	+ 2	6.43	+0.27	B0Ib	+0.011	+0.002	.020D	− 1	.5	.6	5	*
6849	18 14 41	+ 1 45	+56 35	+ 2	6.36 R	.	dF1	−0.012	+0.026	.	− 8V	3.4	95.6	4	R
6850	18 13 53	+ 0 34	+64 24	+ 2	4.80 R	.	F5V	+0.346	+0.031	+.047	− 35	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
6851		+13 3593	168199	24977	.	10761			18 13 28	+13 44	41 40	+13 33
6852		+18 3623	168270	24980	.	10771			18 13 44	+18 6	45 46	+15 20
6853		+40 3332	168322	24973	4202.	10758			18 13 56	+40 54	68 23	+23 31
6854		+23 3299	168323	24982	.	10772			18 13 58	+23 15	50 42	+17 23
6855	ξ PAV	−61 6140	168339	25045	4202.2	10823	I		18 14 1	−61 32	333 17	−20 23
6856		−37 12457	168357	25018	.				18 14 6	−37 32	356 4	−10 35
6857		+ 7 3629	168387	24995	.	10786	11254		18 14 19	+ 7 13	35 47	+10 28
6858		−15 4927	168415	25006	.	10799			18 14 23	−15 52	15 19	+ 0 26
6859	19 δ SGR	−29 14834	168454	25024	4205.	10810	11264		18 14 36	−29 52	3 0	− 7 9
6860	105 HER	+24 3381	168532	25003	4208.	10795			18 15 4	+24 24	51 55	+17 36
6861		−24 14219	168574	25039	.	10821		VAR?	18 15 22	−24 58	7 26	− 4 59
6862		−38 12729	168592	25051	4209.	10830			18 15 25	−38 42	355 7	−11 20
6863	Y SGR	−18 4926	168608	25038	4210.	10820		Y SGR	18 15 30	−18 54	12 47	− 2 7
6864		−28 14495	168646	25050	.				18 15 40	−28 29	4 21	− 6 42
6865	37 DRA	+68 984	168653	24975	4212.	10760			18 15 52	+68 43	98 56	+28 24
6866	74 OPH	+ 3 3680	168656	25036	4213.	10817	11271		18 15 52	+ 3 20	32 28	+ 8 21
6867		+29 3236	168694	25025	.	10812			18 16 0	+29 37	57 5	+19 23
6868	106 HER	+21 3390	168720	25033	4214.	10815			18 16 4	+21 55	49 37	+16 24
6869	58 η SER	− 2 4599	168723	25046	4215.	10825			18 16 8	− 2 55	26 55	+ 5 22
6870		−36 12524	168733	25067	.	10845			18 16 7	−36 43	356 59	−10 34
6871		−63 4406	168740	25097	.				18 16 3	−63 4	331 50	−21 8
6872	1 κ LYR	+36 3094	168775	25032	4216.	10813		VAR?	18 16 21	+36 1	63 31	+21 33
6873		+ 5 3704	168797	25054	.	10834			18 16 34	+ 5 24	34 24	+ 9 9
6874		−36 12537	168838	25083	.				18 16 44	−36 17	357 26	−10 29
6875		−44 12569	168905	25094	.	10863			18 17 2	−44 10	350 13	−12 0
6876	108 HER	+29 3241	168913	25056	4219.	10835			18 17 6	+29 49	57 23	+19 14
6877	107 HER	+28 2981	168914	25057	4220.	10837		VAR?	18 17 7	+28 49	56 24	+18 52
6878		−10 4673	169009	25086	.				18 17 30	−10 16	20 36	+ 1 35
6879	20 ϵ SGR	−34 12784	169022	25100	4222.	10865	I		18 17 32	−34 26	359 12	− 9 48
6880		+51 2357	169028	25047	4223.	10826			18 17 36	+51 18	79 37	+25 37
6881		−12 5024	169033	25090	.				18 17 36	−12 4	19 2	+ 0 42
6882		+23 3316	169110	25082	.	10852			18 17 58	+23 14	51 4	+16 32
6883		+11 3442	169111	25084	.	10853			18 17 56	+11 59	40 32	+11 48
6884	ζ SCT	− 9 4712	169156	25101	4227.	10866			18 18 11	− 8 59	21 49	+ 2 3
6885		+17 3555	169191	25093	4228.	10862			18 18 24	+17 47	45 57	+14 12
6886		+49 2776	169221	25073	.	10847			18 18 37	+49 40	77 54	+25 4
6887		+16 3478	169223	25098	.	10864			18 18 35	+16 38	44 54	+13 40
6888	18 SGR	−30 15661	169233	25120	.				18 18 36	−30 48	2 34	− 8 20
6889		−36 12589	169236	25124	.				18 18 38	−36 3	357 50	−10 43
6890		− 3 4277	169268	25112	.				18 18 48	− 3 38	26 36	+ 4 27
6891		+49 2782	169305	25085	4229.	10854			18 18 59	+49 4	77 16	+24 52
6892		− 7 4598	169370	25123	.				18 19 17	− 7 7	23 35	+ 2 42
6893		−34 12802	169398	25138	.	10894			18 19 18	−34 0	359 45	− 9 56
6894		−48 12505	169405	25150	4230.	10899			18 19 18	−48 10	346 37	−16 0
6895	109 HER	+21 3411	169414	25116	4231.	10875		VAR?	18 19 26	+21 43	49 46	+15 37
6896	21 SGR	−20 5134	169420	25132	4232.	10887	11325		18 19 24	−20 36	11 44	− 3 44
6897	α TEL	−46 12379	169467	25154	.	10902			18 19 34	−46 1	348 40	−15 10
6898		− 1 3486	169493	25131	.	10885	11324		18 19 46	− 1 38	28 29	+ 5 10
6899		−74 1682	169570	25223	.				18 20 5	−74 2	320 34	−24 44
6900		+ 5 3730	169578	25144	.				18 20 13	+ 5 2	34 29	+ 8 10

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
6851	18 18 3	+ 4 35	+13 46	+ 2	6.16 R	.	B5	−0.010	−0.026	.	− 21	.	.		
6852	18 18 8	+ 4 24	+18 8	+ 2	5.93 R	+0.03	B9.5III	−0.010	−0.009	.	− 24V	.	.		6
6853	18 17 6	+ 3 10	+40 56	+ 2	6.10	+1.00	K0III	−0.168	+0.066	+.010	− 73	.	.		
6854	18 18 8	+ 4 10	+23 17	+ 2	6.57 R	.	K5	+0.003	−0.022	.	+ 3	.	.		
6855	18 23 14	+ 9 13	−61 29	+ 3	4.36	+1.48	K2III	−0.003	+0.000	+.010	+ 12V	3.8	3.3		R
6856	18 20 56	+ 6 50	−37 29	+ 3	6.48 H	.	K0	+0.007	−0.011	.		.	.		
6857	18 19 9	+ 4 50	+ 7 15	+ 2	5.37 R	.	gK2	−0.051	+0.000	.	− 8	5.8	39.8		1
6858	18 20 8	+ 5 45	−15 50	+ 2	5.71 H	.	K4III	+0.035	−0.037	.	+ 31	.	.		
6859	18 21 0	+ 6 24	−29 49	+ 3	2.70	+1.38	K2III	+0.038	−0.032	+.039	− 20	10.0	58.1	4	
6860	18 19 11	+ 4 7	+24 26	+ 2	5.34 R	.	K4II	+0.008	−0.000	−.001	− 14V	.	.		R
6861	18 21 31	+ 6 9	−24 55	+ 3	6.25	+1.82	gM5	+0.005	+0.003	.	+ 3	.	.		
6862	18 22 19	+ 6 54	−38 39	+ 3	5.14 H	.	K0	−0.036	−0.030	+.006	+ 18	.	.		
6863	18 21 23	+ 5 53	−18 51	+ 3	5.40	+0.80	F5p	+0.010	−0.013	−.027	− 3V	.	.		R
6864	18 22 0	+ 6 20	−28 26	+ 3	6.07 H	.	A2	+0.013	−0.006	.		.	.		
6865	18 15 17	− 0 35	+68 45	+ 2	5.97 R	.	gK1	+0.015	−0.061	−.003	− 10	.	.		
6866	18 20 51	+ 4 59	+ 3 23	+ 3	4.86	+0.90	G8III	−0.004	+0.009	+.016	+ 5	6.6	28.2		
6867	18 19 51	+ 3 51	+29 40	+ 3	6.00 R	.	gK4	−0.005	−0.005	.	− 36	.	.		
6868	18 20 18	+ 4 14	+21 58	+ 3	4.84 R	.	gM0	+0.013	−0.059	+.016	− 33	.	.		6
6869	18 21 18	+ 5 10	− 2 53	+ 2	3.26	+0.94	K0IV	−0.556	−0.700	+.054	+ 9	.	.		
6870	18 22 54	+ 6 47	−36 40	+ 3	5.39 H	.	A p	−0.004	−0.021	.	− 12	.	.		
6871	18 25 32	+ 9 29	−63 1	+ 3	6.36 H	.	A2	−0.007	−0.103	.	− 21	.	.		
6872	18 19 51	+ 3 30	+36 4	+ 3	4.21 R	.	K2III	−0.023	+0.042	+.008	− 22	.	.		
6873	18 21 29	+ 4 55	+ 5 27	+ 3	6.14	−0.04	B e	+0.009	−0.007	.	− 9V	.	.		
6874	18 23 29	+ 6 45	−36 14	+ 3	5.61 H	.	gK0	+0.013	−0.009	.		.	.		
6875	18 24 19	+ 7 17	−44 7	+ 3	5.24	−0.20	B3Vn	+0.005	−0.024	.	+ 14V?	.	.		
6876	18 20 57	+ 3 51	+29 52	+ 3	5.50 R	+0.22	A m	+0.009	+0.053	+.011	− 20V	.	.		R
6877	18 21 1	+ 3 54	+28 52	+ 3	4.98 R	.	A4	+0.001	+0.047	+.018	− 29V	.	.		
6878	18 23 2	+ 5 32	−10 13	+ 3	6.32 H	.	A0	+0.019	−0.011	.		.	.		
6879	18 24 10	+ 6 38	−34 23	+ 3	1.84	−0.03	B9IV	−0.041	−0.129	+.015	− 11	11.3	32.5		
6880	18 19 57	+ 2 21	+51 21	+ 3	6.07 R	.	gK1	−0.037	−0.057	+.033	− 10V	.	.		
6881	18 23 12	+ 5 36	−12 1	+ 3	5.73 H	+0.01	B8	−0.013	−0.032	.	+ 9V	.	.		
6882	18 22 8	+ 4 10	+23 17	+ 3	5.49 R	.	gK5	+0.008	+0.073	.	− 58	.	.		
6883	18 22 35	+ 4 39	+12 2	+ 3	5.94 R	+0.04	A2V	+0.007	−0.012	.	− 55	.	.		
6884	18 23 40	+ 5 29	− 8 56	+ 3	4.68	+0.95	K0III	+0.040	+0.042	+.013	− 6V	.	.		6
6885	18 22 49	+ 4 25	+17 50	+ 3	5.29 R	.	K3III	+0.066	+0.018	+.023	− 19	.	.		
6886	18 21 7	+ 2 30	+49 43	+ 3	6.25 R	.	K1III	−0.010	+0.019	.	− 17	.	.		
6887	18 23 2	+ 4 27	+16 41	+ 3	6.25 R	.	K0	−0.023	−0.021	.	+ 15V?	.	.		
6888	18 25 2	+ 6 26	−30 45	+ 3	5.59	+1.14	K0III-IV	−0.126	−0.075	.	− 19	.	.		
6889	18 25 22	+ 6 44	−36 0	+ 3	6.25 H	.	gK0	−0.036	+0.011	.		.	.		
6890	18 24 4	+ 5 16	− 3 35	+ 3	6.38 H	.	F2	−0.028	−0.057	.		.	.		
6891	18 21 32	+ 2 33	+49 7	+ 3	4.92 R	.	gM2	−0.029	+0.049	+.001	+ 14	.	.		
6892	18 24 42	+ 5 25	− 7 4	+ 3	6.53 H	.	K0	+0.129	−0.008	.		.	.		
6893	18 25 55	+ 6 37	−33 57	+ 3	6.38 H	.	B8	−0.001	+0.002	.	− 6	.	.		
6894	18 26 54	+ 7 36	−48 7	+ 3	5.48 H	.	G5	−0.013	−0.045	+.019	+ 4V	.	.		6
6895	18 23 42	+ 4 16	+21 46	+ 3	3.82	+1.18	K2III	+0.194	−0.250	+.016	− 58	.	.		
6896	18 25 21	+ 5 57	−20 33	+ 3	4.81	+1.31	K2II	+0.006	−0.029	+.007	− 12	3.5	2.4		2
6897	18 26 59	+ 7 25	−45 58	+ 3	3.50	−0.18	B3III	−0.018	−0.049	.	− 1V?	.	.		
6898	18 24 57	+ 5 11	− 1 35	+ 3	6.11 H	.	dF2	−0.019	−0.013	.011D	− 10	.2	.5		2
6899	18 32 55	+ 12 50	−73 58	+ 4	5.88	+0.98	gG9	+0.010	−0.114	.		.	.		
6900	18 25 9	+ 4 56	+ 5 5	+ 3	6.52 R	+0.04	B9	−0.007	+0.006	.		.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
6901		+38 3160	169646	25130	.	10883	11320		18 20 36	+38 41	66 31	+21 37
6902		+ 7 3682	169689	25153	.	10901			18 20 50	+ 7 59	37 13	+ 9 22
6903	2 μ LYR	+39 3410	169702	25137	4234.	10892			18 20 56	+39 27	67 20	+21 48
6904		+27 3016	169718	25147	.	10898	11334		18 21 0	+27 20	55 17	+17 31
6905	ζ TEL	−49 12153	169767	25183	4235.	10928			18 21 8	−49 7	345 50	−16 40
6906		+14 3533	169820	25160	.	10906			18 21 23	+14 55	43 36	+12 20
6907		−29 14965	169830	25175	.				18 21 26	−29 53	3 41	− 8 28
6908		−57 9063	169836	25202	.		R6826		18 21 20	−57 35	337 34	−19 52
6909		−26 13184	169851	25174	.		11354		18 21 30	−26 42	6 32	− 7 1
6910		−39 12626	169853	25185	.				18 21 32	−39 3	355 20	−12 34
6911		+53 2079	169885	25145	.	10897			18 21 39	+53 15	81 52	+25 27
6912		−81 813	169904	25366	.	11027			18 21 42	−81 53	312 5	−26 30
6913	22 λ SGR	−25 13149	169916	25180	4239.	10927			18 21 48	−25 29	7 39	− 6 31
6914		−26 13192	169938	25184	.				18 21 52	−26 49	6 28	− 7 9
6915		−43 12564	169943	25201	.				18 21 58	−43 54	350 51	−14 41
6916	ν PAV	−62 5879	169978	25227	.	10948		VAR?	18 22 2	−62 20	332 50	−21 33
6917		+29 3259	169981	25165	.	10916			18 22 7	+29 46	57 45	+18 13
6918	59 d SER	+ 0 3936	169986	25176	.	10923	11353	d SER	18 22 6	+ 0 8	30 20	+ 5 29
6919		−17 5203	169990	25186	.	10930		VAR?	18 22 6	−17 52	14 27	− 3 1
6920	43 ϕ DRA	+71 889	170000	25114	4241.	10871	11311	VAR?	18 22 12	+71 17	101 53	+28 2
6921		−38 12824	170040	25209	.	10940			18 22 12	−38 55	355 31	−12 37
6922		−47 12319	170069	25216	.				18 22 25	−47 17	347 40	−16 8
6923	39 DRA	+58 1809	170073	25151	4244.	10900	11336		18 22 27	+58 45	87 53	+26 26
6924		+26 3259	170111	25178	.	10925	11356		18 22 40	+26 24	54 32	+16 48
6925		+ 3 3716	170137	25194	.	10934			18 22 52	+ 3 41	33 35	+ 6 58
6926		−26 13206	170141	25211	.				18 22 43	−26 39	6 43	− 7 14
6927	44 χ DRA	+72 839	170153	25122	4245.	10880			18 22 52	+72 41	103 28	+28 4
6928		+ 6 3790	170200	25198	.				18 23 6	+ 6 8	35 49	+ 8 2
6929		−25 13170	170235	25218	.	10943			18 23 12	−25 19	7 57	− 6 43
6930	γ SCT	−14 5071	170296	25220	4246.	10944			18 23 30	−14 38	17 27	− 1 47
6931		−41 12871	170384	25249	.				18 23 56	−41 59	352 48	−14 13
6932		−14 5077	170397	25232	.	10951			18 24 5	−14 39	17 31	− 1 55
6933		−18 4982	170433	25239	4250.	10957			18 24 19	−18 48	13 52	− 3 55
6934	δ^1 TEL	−45 12550	170465	25269	.	10967			18 24 21	−45 59	349 3	−15 55
6935	60 SER	− 2 4641	170474	25234	4251.	10953			18 24 29	− 2 3	28 41	+ 3 56
6936		−33 13281	170479	25263	4252.	10962	I		18 24 31	−33 3	1 7	−10 29
6937		−43 12600	170521	25272	.				18 24 43	−43 35	351 21	−15 0
6938	δ^2 TEL	−45 12556	170523	25273	.	10972			18 24 38	−45 50	349 13	−15 54
6939		−58 7418	170525	25294	.				18 24 43	−58 47	336 32	−20 41
6940		− 5 4675	170547	25253	.				18 24 53	− 5 48	25 24	+ 2 5
6941		+ 3 3727	170580	25256	.	10961	11399		18 25 7	+ 4 0	34 8	+ 6 37
6942		−39 12696	170642	25285	4255.	10988			18 25 23	−39 46	355 0	−13 32
6943		+23 3347	170650	25250	.	10959			18 25 27	+23 48	52 19	+15 12
6944		−18 4988	170680	25279	4257.	10979	11411		18 25 35	−18 28	14 18	− 4 1
6945	42 DRA	+65 1271	170693	25212	4258.	10941			18 25 42	+65 30	95 25	+27 8
6946		−10 4713	170740	25282	.	10985	11414		18 25 53	−10 52	21 3	+ 0 31
6947	U SGR	−19 5047	170764	25287	.	10989		U SGR	18 26 0	−19 12	13 42	− 4 27
6948		−39 12704	170773	25304	.				18 26 2	−39 58	354 52	−13 44
6949		+59 1899	170811	25233	.	10952			18 26 20	+59 29	88 47	+26 5
6950		+20 3821	170829	25280	4260.	10981			18 26 24	+20 45	49 33	+13 44

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
6901	18 23 57	+ 3 21	+38 44	+ 3	6.31 R	.	K2	+0.022	+0.002	.	− 40	6.5	17.2		3
6902	18 25 39	+ 4 49	+ 8 2	+ 3	5.56 R	.	gG2	+0.001	−0.008	.	− 8V	.	.		6
6903	18 24 14	+ 3 18	+39 30	+ 3	5.05 R	+0.03	A3III	−0.022	−0.011	+.001	− 25V	.	.		6
6904	18 24 59	+ 3 59	+27 23	+ 3	6.18 R	+0.05	A2V	−0.003	+0.006	.004D	− 27V?	1.0	.6	3	*
6905	18 28 50	+ 7 42	−49 4	+ 3	4.12	+1.01	gK0	+0.138	−0.245	+.021	− 31	.	.		
6906	18 25 55	+ 4 32	+14 58	+ 3	6.44 R	−0.03	A p	+0.007	−0.010	.	− 25	.	.		
6907	18 27 50	+ 6 24	−29 49	+ 4	5.86 H	.	G0	−0.005	+0.027	.		.	.		
6908	18 29 57	+ 8 37	−57 31	+ 4	5.79 H	.	gG8	+0.039	−0.038	.		6.2	1.8	3	
6909	18 27 44	+ 6 14	−26 38	+ 4	6.23 H	.	A5	+0.001	−0.030	.009D		.0	1.8		2
6910	18 28 27	+ 6 55	−38 59	+ 4	5.65 H	.	A2m?	−0.006	−0.040	.		.	.		
6911	18 23 48	+ 2 9	+53 18	+ 3	6.18 R	.	A2	+0.005	−0.019	.	− 4	.	.		
6912	18 42 13	+ 20 31	−81 48	+ 5	6.26	−0.14	A0	+0.014	−0.005	.	− 12	.	.		
6913	18 27 58	+ 6 10	−25 26	+ 3	2.84	+1.04	K2III	−0.047	−0.188	+.046	− 43	.	.		G
6914	18 28 6	+ 6 14	−26 45	+ 4	6.28 H	.	A3	−0.001	−0.041	.		.	.		
6915	18 29 13	+ 7 15	−43 50	+ 4	6.50 H	.	K0	−0.005	+0.023	.		.	.		
6916	18 31 22	+ 9 20	−62 16	+ 4	4.63	−0.11	B8III	−0.003	−0.048	.	+ 59	.	.		
6917	18 25 58	+ 3 51	+29 49	+ 3	5.83	+0.06	A2V	+0.013	−0.025	.	+ 9V	.	.		*
6918	18 27 13	+ 5 7	+ 0 12	+ 4	4.9 H	.	G0+A0	−0.010	−0.005	.	− 23V	2.3	4.1		*
6919	18 27 56	+ 5 50	−17 48	+ 4	6.03 H	+0.01	B8	−0.006	+0.004	.	− 35	.	.		
6920	18 20 46	− 1 26	+71 20	+ 3	4.18 R	.	A0si	−0.008	+0.037	+.008	− 17V	1.7	.7	3	*
6921	18 29 6	+ 6 54	−38 51	+ 4	6.62	−0.03	B8	−0.008	−0.009	.	− 28	.	.		
6922	18 29 56	+ 7 31	−47 13	+ 4	5.70 H	.	K0	+0.008	−0.006	.	− 18	.	.		
6923	18 23 55	+ 1 28	+58 48	+ 3	4.85 H	.	A1V	−0.040	+0.060	+.031	− 13V	2.4	90.0	3	*
6924	18 26 41	+ 4 1	+26 28	+ 4	6.37 R	.	B3	−0.008	−0.002	.	− 18V	2.0	62.3	3	*
6925	18 27 51	+ 4 59	+ 3 45	+ 4	6.00 R	.	gK3	−0.009	−0.007	.	− 19	.	.		
6926	18 28 57	+ 6 14	−26 35	+ 4	6.46 H	.	A0	+0.001	+0.004	.		.	.		
6927	18 21 4	− 1 48	+72 44	+ 3	3.58	+0.50	F7V	+0.522	−0.361	+.120	+ 33V	.	.		*
6928	18 27 59	+ 4 53	+ 6 12	+ 4	5.73	−0.03	B8	−0.004	−0.026	.	V	.	.		
6929	18 29 22	+ 6 10	−25 15	+ 4	6.57	+0.15	B2p	+0.003	−0.006	.	+ 3V	.	.		
6930	18 29 12	+ 5 42	−14 34	+ 4	4.70	+0.06	A3V	+0.000	−0.002	+.017	− 41	.	.		
6931	18 31 3	+ 7 7	−41 55	+ 4	6.27 H	.	A4p	−0.003	−0.025	.		.	.		
6932	18 29 47	+ 5 42	−14 35	+ 4	5.99 H	.	A si	+0.019	+0.022	.	− 16	.	.		
6933	18 30 12	+ 5 53	−18 44	+ 4	5.76 H	.	gK0	+0.036	−0.099	+.005	− 1	.	.		
6934	18 31 45	+ 7 24	−45 55	+ 4	4.95	−0.12	B6IV	−0.014	−0.035	.	− 15V	.	.		R
6935	18 29 41	+ 5 12	− 1 59	+ 4	5.44 H	.	K0III	+0.027	−0.034	+.009	+ 28V	.	.		R
6936	18 31 4	+ 6 33	−32 59	+ 4	5.44 H	.	A3m?	−0.004	−0.049	+.017	+ 9	5.6	3.5		3
6937	18 31 56	+ 7 13	−43 31	+ 4	5.71 H	.	gG8	−0.009	−0.024	.		.	.		
6938	18 32 2	+ 7 24	−45 46	+ 4	5.33 H	.	B5IV	−0.002	−0.011	.	− 6V	.	.		6
6939	18 33 29	+ 8 46	−58 43	+ 4	6.42	+0.69	G0	+0.025	−0.128	.	+ 33	.	.		
6940	18 30 14	+ 5 21	− 5 44	+ 4	6.33 H	.	G5	+0.006	−0.023	.		.	.		
6941	18 30 5	+ 4 58	+ 4 4	+ 4	6.48 R	.	B2V	−0.010	−0.020	.	− 22	5.3	20.6	4	
6942	18 32 21	+ 6 58	−39 42	+ 4	5.25 H	.	A2	+0.032	−0.042	+.013	− 2	.	.		
6943	18 29 36	+ 4 9	+23 52	+ 4	5.70 R	.	B5	−0.004	−0.010	.	− 17V	.	.		
6944	18 31 26	+ 5 51	−18 24	+ 4	5.17 H	.	A0	−0.004	−0.028	+.010	− 37	8.9	25.5		*
6945	18 25 59	+ 0 17	+65 34	+ 4	4.82 R	.	K2III	+0.100	−0.028	+.019	+ 32	.	.		
6946	18 31 26	+ 5 33	−10 48	+ 4	5.80 H	.	B2V	−0.004	−0.019	.	− 17	3.3	12.4		3
6947	18 31 53	+ 5 53	−19 8	+ 4	6.40	+1.00	cF5	−0.010	−0.003	.	− 2V	.	.		G
6948	18 33 1	+ 6 59	−39 54	+ 4	6.27 H	.	dF4	+0.037	−0.093	.	− 16	.	.		
6949	18 27 43	+ 1 23	+59 33	+ 4	6.33 R	.	K0IV	+0.052	+0.042	.	− 10	.	.		
6950	18 30 41	+ 4 17	+20 49	+ 4	6.45 R	.	G8IV	+0.006	−0.261	+.028	− 59	.	.		R

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
6951	θ CRA	−42 13378	170845	25313	4262.	11001			18 26 22	−42 23	352 37	−14 48
6952	κ^1 CRA	−38 12896	170868	25315	.	11003	IB		18 26 29	−38 48	355 59	−13 19
6953	κ^2 CRA	−38 12895	170867	25314	.	11002	IA		18 26 29	−38 48	355 59	−13 19
6954		−52 11158	170873	25324	.				18 26 29	−52 58	342 25	−18 54
6955		+16 3529	170878	25284	.	10987			18 26 38	+16 52	45 58	+12 2
6956		−14 5098	170902	25303	.				18 26 39	−14 43	17 45	− 2 30
6957	61 SER	− 1 3504	170920	25302	.	10994			18 26 47	− 1 4	29 49	+ 3 53
6958		+ 3 3737	170973	25308	.				18 27 8	+ 3 35	33 59	+ 5 58
6959		−14 5099	170975	25310	.	10998			18 27 1	−14 56	17 36	− 2 40
6960		−33 13338	171034	25327	.	11010			18 27 24	−33 5	1 21	−11 2
6961	24 SGR	−24 14472	171115	25336	.	11014			18 27 47	−24 6	9 31	− 7 5
6962		−14 5106	171130	25333	.				18 27 56	−14 56	17 42	− 2 52
6963		− 6 4791	171149	25329	.				18 28 2	− 5 59	25 37	+ 1 19
6964		−83 663	171161	25590	.				18 28 0	−83 25	310 26	−26 56
6965	25 SGR	−24 14479	171237	25358	.	11022			18 28 26	−24 18	9 25	− 7 18
6966		+23 3363	171245	25328	.	11011			18 28 36	+23 33	52 23	+14 26
6967		+ 8 3741	171247	25342	.		11448		18 28 35	+ 8 12	38 17	+ 7 46
6968		+30 3223	171301	25340	4271.	11016	11446		18 29 1	+30 29	59 3	+17 6
6969		−20 5189	171369	25378	.				18 29 23	−20 55	12 32	− 5 57
6970		−11 4681	171391	25374	4274.	11031			18 29 29	−11 3	21 18	− 1 23
6971		+30 3227	171406	25357	.	11021			18 29 35	+30 49	59 25	+17 7
6972		−29 15123	171416	25395	.				18 29 37	−29 47	4 35	−10 0
6973	α SCT	− 8 4638	171443	25385	4275.	11039		VAR?	18 29 46	− 8 19	23 45	+ 0 10
6974		+52 2232	171461	25343	.				18 29 54	+52 2	80 54	+23 56
6975		+20 3847	171487	25371	.	11029			18 30 1	+20 23	49 34	+12 49
6976		+10 3573	171505	25381	.	11037			18 30 5	+10 49	40 49	+ 8 37
6977		+18 3740	171623	25398	.	11048			18 30 49	+18 7	47 33	+11 40
6978	45 DRA	+56 2113	171635	25362	4276.	11025			18 30 51	+56 58	86 12	+24 59
6979		+65 1276	171653	25348	.	11019	B		18 30 57	+65 22	95 22	+26 34
6980		+23 3385	171745	25407	.	11062	11479		18 31 21	+23 31	52 38	+13 51
6981		+16 3560	171746	25411	4279.	11064	11483	VAR?	18 31 26	+16 54	46 30	+11 1
6982	ζ PAV	−71 2353	171759	25522	4280.	11112	I		18 31 21	−71 31	323 29	−24 57
6983		+52 2238	171779	25396	4282.	11046	11468		18 31 41	+52 16	81 13	+23 44
6984		+34 3245	171780	25406	4281.	11061			18 31 27	+34 22	63 1	+18 5
6985		+ 9 3783	171802	25422	4283.	11070			18 31 42	+ 9 3	39 24	+ 7 28
6986		−48 12644	171819	25474	.				18 31 40	−48 0	347 37	−17 51
6987		+ 6 3855	171834	25427	4284.	11071	11496		18 31 47	+ 6 36	37 13	+ 6 20
6988		−21 5076	171856	25450	.				18 31 55	−21 29	12 18	− 6 44
6989		−14 5139	171957	25465	.		11512		18 32 24	−14 6	18 56	− 3 26
6990		−23 14572	171961	25475	.				18 32 26	−23 35	10 28	− 7 48
6991		−43 12699	171967	25488	4287.	11093			18 32 24	−43 16	352 14	−16 10
6992		+11 3530	171975	25446	.	11079			18 32 32	+11 20	41 34	+ 8 19
6993		− 0 3521	171978	25456	.	11082			18 32 28	− 0 24	31 4	+ 2 57
6994		−77 1314	171990	25593	.				18 32 28	−77 58	316 29	−26 17
6995		+16 3563	171994	25449	.	11080			18 32 40	+16 7	45 55	+10 24
6996		−64 3942	172021	25529	.				18 32 36	−64 44	330 43	−23 23
6997		+33 3154	172044	25443	.	11077	11504		18 32 57	+33 23	62 11	+17 26
6998		−21 5081	172051	25484	.	11091			18 32 56	−21 8	12 44	− 6 47
6999		− 3 4331	172088	25481	4292.	11090	11520		18 33 09	− 3 17	28 36	+ 1 27
7000		− 1 3529	172103	25480	.				18 33 9	− 1 12	30 26	+ 2 25

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
6951	18 33 30	+ 7 8	−42 19	+ 4	4.64	+1.00	G5III	+0.028	−0.022	−.007	− 2V?	.	.		
6952	18 33 23	+ 6 54	−38 44	+ 4	6.55 H	.	B8	+0.018	−0.030	.	− 16	.6	21.9		D
6953	18 33 23	+ 6 54	−38 44	+ 4	5.95 H	.	A	−0.007	−0.032	.	− 20	.6	21.9		D
6954	18 34 31	+ 8 2	−52 54	+ 4	6.30 H	.	gK2	−0.013	−0.056	.		.	.		
6955	18 31 5	+ 4 27	+16 56	+ 4	5.61 R	+0.04	A2V	−0.042	−0.033	.	− 9V?	.	.		
6956	18 32 21	+ 5 42	−14 39	+ 4	6.34 H	.	A3	+0.016	−0.021	.		.	.		
6957	18 31 57	+ 5 10	− 1 0	+ 4	5.81 H	.	A2m?	+0.007	−0.009	.	− 27	.	.		
6958	18 32 7	+ 4 59	+ 3 39	+ 4	6.33 R	−0.06	A p	+0.027	+0.012	.	V	.	.		
6959	18 32 44	+ 5 43	−14 52	+ 4	5.88 H	.	cK5	−0.007	−0.001	.	+ 1	.	.		
6960	18 33 58	+ 6 34	−33 1	+ 4	5.38 H	.	B3IV	+0.005	−0.016	.	− 17V	.	.		
6961	18 33 53	+ 6 6	−24 2	+ 4	5.71 H	.	cK4	+0.000	−0.013	.	− 14	.	.		
6962	18 33 39	+ 5 43	−14 52	+ 4	5.74 H	.	A1	+0.020	−0.015	.		.	.		
6963	18 33 23	+ 5 21	− 5 55	+ 4	6.37 H	.	A0	+0.007	−0.019	.		.	.		
6964	18 51 59	+ 23 59	−83 19	+ 6	7.15	+1.26	K2	−0.014	+0.004	.		.	.		
6965	18 34 33	+ 6 7	−24 13	+ 5	6.39 H	.	cF3	−0.003	−0.004	.	+ 10	.	.		
6966	18 32 46	+ 4 10	+23 37	+ 4	5.78 R	.	gK5	+0.005	+0.010	.	− 4	.	.		
6967	18 33 23	+ 4 48	+ 8 16	+ 4	6.25 R	−0.05	A p	+0.001	−0.005	.	− 22	3.3	39.8		
6968	18 32 50	+ 3 49	+30 34	+ 5	5.33 R	−0.10	B8IV	+0.005	+0.005	+.007	− 10	7.3	7.4		
6969	18 35 21	+ 5 58	−20 50	+ 5	6.52 H	.	A5	+0.028	−0.016	.		.	.		
6970	18 35 2	+ 5 33	−10 58	+ 5	5.13	+0.92	G8III	+0.046	−0.004	+.011	+ 7	.	.		
6971	18 33 23	+ 3 48	+30 54	+ 5	6.41 R	.	B3	+0.005	+0.005	.	− 4	.	.		
6972	18 36 0	+ 6 23	−29 42	+ 5	6.48 H	.	K0	+0.010	−0.010	.		.	.		
6973	18 35 12	+ 5 26	− 8 15	+ 4	3.84	+1.34	K3III	−0.018	−0.314	+.013	+ 36	.	.		
6974	18 32 11	+ 2 17	+52 7	+ 5	6.41 R	−0.05	B9	−0.015	+0.005	.		.	.		
6975	18 34 19	+ 4 18	+20 28	+ 5	6.39 R	+0.12	A3V	−0.001	−0.006	.	− 9V	.	.		6
6976	18 34 47	+ 4 42	+10 54	+ 5	6.33 R	+0.07	A1V	−0.001	−0.009	.	− 36	.	.		
6977	18 35 13	+ 4 24	+18 12	+ 5	5.72 R	−0.01	B9.5IV	+0.009	+0.002	.	− 20V	.	.		
6978	18 32 34	+ 1 43	+57 3	+ 5	4.83 R	.	F7Ib	−0.009	−0.007	+.008	− 12	.	.		
6979	18 31 15	+ 0 18	+65 27	+ 5	6.32 R	.	A3	−0.021	+0.071	.	− 9V	4.2	26.6		R
6980	18 35 31	+ 4 10	+23 36	+ 5	5.61 R	.	gG8	+0.000	+0.002	.006D	+ 16	.3	.7		D
6981	18 35 53	+ 4 27	+16 59	+ 5	6.09 R	.	dG0+dF8	+0.043	−0.073	+.014	+ 10	.4	2.4	3	D
6982	18 43 2	+ 11 41	−71 26	+ 5	4.00	+1.14	K2III	+0.000	−0.163	+.027	− 17	8.1	55.6		G
6983	18 33 57	+ 2 16	+52 21	+ 5	5.28 R	.	K0III	−0.006	+0.004	+.003	− 24	.0	.2	3	D
6984	18 35 4	+ 3 37	+34 27	+ 5	6.11	−0.12	B5	+0.001	−0.001	−.021	− 13V	.	.		6
6985	18 36 28	+ 4 46	+ 9 8	+ 5	5.30 R	.	dF2	−0.006	−0.128	+.029	− 22	.	.		
6986	18 39 14	+ 7 34	−47 55	+ 5	6.04 H	.	A5m?	+0.025	+0.015	.	− 9V	.	.		
6987	18 36 39	+ 4 52	+ 6 41	+ 5	5.34 R	.	F2	−0.031	−0.143	+.027	− 21V	6.0	72.4	3	*
6988	18 37 54	+ 5 59	−21 24	+ 5	5.80 H	.	A7m	−0.007	−0.072	.		.	.		
6989	18 38 4	+ 5 40	−14 1	+ 5	6.45 H	+0.21	B9	+0.015	+0.000	.		4.8	2.6		4
6990	18 38 31	+ 6 5	−23 30	+ 5	5.75 H	+0.02	B9	−0.006	−0.023	.	− 26V	.	.		
6991	18 39 35	+ 7 11	−43 11	+ 5	5.36 H	.	gM2	−0.056	−0.054	−.003	+ 29	.	.		
6992	18 37 13	+ 4 41	+11 25	+ 5	6.34 R	−0.03	B8V	−0.026	−0.013	.	− 27	.	.		
6993	18 37 36	+ 5 8	− 0 19	+ 5	5.75	+0.08	A2	+0.007	−0.024	.	+ 12	.	.		*
6994	18 47 50	+ 15 22	−77 52	+ 6	6.38	+0.60	G0	−0.010	+0.188	.		.	.		
6995	18 37 9	+ 4 29	+16 12	+ 5	6.25 R	.	G8IV	+0.004	+0.043	.	− 46	.	.		
6996	18 42 22	+ 9 46	−64 39	+ 5	6.36	+0.15	A3	−0.004	−0.034	.		.	.		
6997	18 36 37	+ 3 40	+33 28	+ 5	5.39 R	−0.10	A p	−0.025	−0.004	.	− 27	5.2	7.5		2
6998	18 38 54	+ 5 58	−21 3	+ 5	5.91 H	.	dG4	−0.081	−0.154	.	+ 36	.	.		
6999	18 38 24	+ 5 15	− 3 12	+ 5	6.47 H	.	dF8	−0.013	+0.030	+.026	− 21	.1	.2	3	D
7000	18 38 19	+ 5 10	− 1 7	+ 5	6.49 H	.	F2	−0.031	−0.013	.		.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
7001	3 α LYR	+38 3238	172167	25466	4293.	11085	11510	VAR?	18 33 33	+38 41	67 26	+19 15
7002	X OPH	+ 8 3780	172171	25485	4294.	11092	11524	X OPH	18 33 34	+ 8 44	39 20	+ 6 54
7003		+43 3027	172187	25464	.	11084			18 33 42	+43 8	71 54	+20 43
7004		−64 3943	172211	25561	.				18 33 52	−64 39	330 51	−23 29
7005		−48 12668	172223	25535	.				18 33 56	−48 11	347 35	−18 16
7006		+77 699	172340	25372	4298.	11030			18 34 35	+77 28	108 55	+27 36
7007		− 7 4648	172348	25524	.	11113	11552		18 34 35	− 7 53	24 42	− 1 1
7008		+ 5 3891	172365	25520	.	11110			18 34 42	+ 5 10	36 17	+ 5 2
7009	XY LYR	+39 3476	172380	25502	.	11100		XY LYR	18 34 48	+39 35	68 25	+19 20
7010		+ 7 3798	172424	25527	.	11114	11555		18 35 1	+ 7 16	38 11	+ 5 55
7011	26 SGR	−23 14625	172546	25563	.	11131			18 35 46	−23 56	10 30	− 8 38
7012		−64 3948	172555	25604	4302.	11155			18 35 38	−64 58	330 34	−23 45
7013		+65 1283	172569	25491	4304.	11094			18 35 54	+65 24	95 30	+26 4
7014		−14 5156	172594	25564	.				18 36 1	−14 40	18 50	− 4 28
7015		−61 6229	172630	25606	.				18 36 5	−61 12	334 32	−22 47
7016		+30 3262	172631	25547	.	11123			18 36 13	+30 45	59 55	+15 47
7017		+40 3446	172671	25541	.	11120			18 36 20	+40 50	69 46	+19 29
7018		+62 1637	172728	25519	.	11107			18 36 39	+62 26	92 16	+25 26
7019		+38 3254	172741	25553	.	11128			18 36 49	+38 16	67 16	+18 30
7020	δ SCT	− 9 4796	172748	25580	4311.	11143	11581	δ SCT	18 36 48	− 9 9	23 50	− 2 5
7021	λ CRA	−38 13036	172777	25599	4313.	11152	I		18 36 55	−38 25	357 13	−15 1
7022		−57 9180	172781	25618	.				18 36 55	−56 59	338 55	−21 39
7023		−19 5134	172816	25588	.				18 37 2	−19 23	14 44	− 6 51
7024		− 7 4670	172831	25586	.				18 37 12	− 7 10	25 38	− 1 15
7025		+83 536	172864	25334	.	11013			18 37 22	+83 6	115 16	+27 44
7026		−36 12946	172875	25609	.				18 37 22	−36 49	358 46	−14 28
7027		−73 1939	172881	25701	.		I		18 37 25	−73 6	321 53	−25 43
7028		+52 2263	172883	25559	.				18 37 35	+52 6	81 19	+22 49
7029		−35 12876	172910	25613	.	11161	B		18 37 38	−35 44	359 48	−14 4
7030		+31 13332	172958	25583	.	11146			18 37 55	+31 31	60 48	+15 45
7031		−39 12864	172991	25628	4316.	11171	I		18 38 0	−39 47	356 0	−15 46
7032	ϵ SCT	− 8 4686	173009	25610	4317.	11158	11601		18 38 4	− 8 22	24 40	− 2 0
7033		+34 3285	173087	25597	.	11150	11593A		18 38 32	+34 39	63 52	+16 50
7034		− 6 4859	173093	25617	.				18 38 28	− 6 55	26 0	− 1 25
7035		−25 13394	173117	25636	.				18 38 41	−25 7	9 44	− 9 45
7036	θ PAV	−65 3754	173168	25706	.	11216			18 38 48	−65 11	330 26	−24 8
7037		−50 12135	173263	25680	.				18 39 15	−50 12	345 54	−19 47
7038		−21 5131	173282	25653	.				18 39 20	−21 6	13 26	− 8 6
7039	27 ϕ SGR	−27 13170	173300	25661	.	11190			18 39 25	−27 6	7 59	−10 46
7040	4 AQL	+ 1 3766	173370	25652	4320.	11185		VAR?	18 39 47	+ 1 57	34 0	+ 2 25
7041		+39 3505	173383	25634	.	11173		VAR?	18 39 57	+39 13	68 26	+18 16
7042		+62 1641	173398	25603	.	11154			18 40 4	+62 39	92 36	+25 5
7043		+36 3246	173416	25640	.	11177			18 40 6	+36 28	65 45	+17 14
7044		+31 3348	173417	25643	4321.	11179			18 40 6	+31 50	61 18	+15 26
7045		−19 5154	173425	25677	.	11204			18 40 7	−19 43	14 46	− 7 39
7046	28 SGR	−22 4854	173460	25687	.	11208	11652		18 40 19	−22 30	12 16	− 8 56
7047		+23 3439	173494	25663	4322.	11191			18 40 30	+23 29	53 30	+11 56
7048	·	+ 5 3941	173495	25674	.	11202	11640		18 40 33	+ 5 24	37 9	+ 3 50
7049	46 DRA	+55 2107	173524	25635	4323.	11175		VAR?	18 40 42	+55 26	84 56	+23 17
7050	μ CRA	−40 12807	173540	25722	4325.	11223			18 40 45	−40 31	355 30	−16 32

BS= HR	RA (2000)	$\Delta\alpha$ 100 YR	DEC (2000)	$\Delta\delta$ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
7001	18 36 56	+ 3 23	+38 47	+ 6	0.04	+0.00	A0V	+0.200	+0.281	+.123	− 14	9.5	57.1	5	*
7002	18 38 21	+ 4 47	+ 8 49	+ 5	6.4 H	.	gM6e	−0.019	+0.004	−.007	− 71	2.4	.3		D
7003	18 36 46	+ 3 4	+43 13	+ 5	6.22 R	.	A5	+0.023	−0.014	.	+ 2V	.	.		6
7004	18 43 37	+ 9 45	−64 33	+ 6	5.77	+0.96	K0	+0.007	−0.038	.		.	.		
7005	18 41 30	+ 7 34	−48 6	+ 5	6.48	+1.22	K0	−0.028	−0.123	.	− 46	.	.		
7006	18 29 45	− 4 50	+77 33	+ 5	5.74 R	.	gK4	−0.002	+0.001	+.012	+ 1	.	.		
7007	18 40 0	+ 5 25	− 7 48	+ 5	6.08 H	.	gK4	−0.003	−0.034	.	− 23	5.0	23.3		1
7008	18 39 37	+ 4 55	+ 5 15	+ 5	6.17 R	.	F9Ib	+0.009	−0.015	.	− 19	.	.		
7009	18 38 6	+ 3 18	+39 40	+ 5	5.8 H	.	cM4	+0.000	+0.003	.	− 19	.	.		
7010	18 39 51	+ 4 50	+ 7 21	+ 5	6.24 R	.	G8III	+0.001	−0.058	.	− 41	5.0	26.0		1
7011	18 41 52	+ 6 6	−23 50	+ 6	6.14 H	.	A m	+0.030	−0.027	.	+ 1	.	.		
7012	18 45 27	+ 9 49	−64 52	+ 6	4.78	+0.20	A3	+0.018	−0.159	+.027	+ 5	.	.		
7013	18 36 13	+ 0 19	+65 29	+ 5	5.98 R	.	A3	+0.014	+0.081	+.008	− 16	.	.		*
7014	18 41 43	+ 5 42	−14 34	+ 6	6.50 H	.	F5	+0.001	−0.001	.		.	.		
7015	18 45 11	+ 9 6	−61 6	+ 6	6.16 H	.	K2	+0.025	−0.025	.		.	.		
7016	18 40 2	+ 3 49	+30 51	+ 6	6.31 R	.	K0	−0.010	+0.028	.	− 50	.	.		
7017	18 39 33	+ 3 13	+40 55	+ 5	6.07 R	.	A0	+0.022	−0.005	.	− 15V?	.	.		6
7018	18 37 33	+ 0 54	+62 31	+ 5	5.59 R	.	A0	−0.010	+0.042	.	− 11V?	.	.		
7019	18 40 12	+ 3 23	+38 22	+ 6	6.45 R	.	A3	+0.020	−0.002	.	+ 17	.	.		
7020	18 42 16	+ 5 28	− 9 3	+ 6	4.72	+0.36	F3III-IV	+0.010	−0.002	+.020	− 45V	4.5	52.5		*
7021	18 43 46	+ 6 51	−38 19	+ 6	5.13 H	.	A1V	−0.001	−0.059	+.017	− 26V	3.8	29.6	3	D
7022	18 45 24	+ 8 29	−56 53	+ 6	6.30 H	.	K0	−0.053	−0.009	.		.	.		
7023	18 42 55	+ 5 53	−19 17	+ 6	6.49 H	.	M4	−0.004	−0.026	.		.	.		
7024	18 42 36	+ 5 24	− 7 4	+ 6	6.15	+1.02	G5	−0.009	+0.003	.		.	.		
7025	18 24 9	− 13 13	+83 10	+ 4	6.10 R	.	A2	+0.012	−0.025	.	− 11	.	.		
7026	18 44 8	+ 6 46	−36 43	+ 6	6.38 H	.	K0	−0.004	−0.062	.		.	.		
7027	18 49 43	+ 12 18	−73 0	+ 6	6.05	+0.00	A0	+0.001	+0.020	.		2.4	2.0		2
7028	18 39 53	+ 2 18	+52 12	+ 6	5.80 R	−0.07	B9	−0.001	+0.024	.	− 14	.	.		
7029	18 44 20	+ 6 42	−35 38	+ 6	4.86	−0.19	B2V	−0.001	−0.038	.	+ 3	7.7	9.6		G
7030	18 41 41	+ 3 46	+31 37	+ 6	6.45 R	+0.16	B8V	+0.001	+0.004	.	− 16	.	.		
7031	18 44 57	+ 6 57	−39 41	+ 6	5.48 H	.	gG5+A	+0.006	−0.012	+.005	− 17V?	.	.		D
7032	18 43 31	+ 5 27	− 8 16	+ 6	4.88	+1.12	G8II	+0.018	+0.008	+.013	− 11	8.6	37.6		
7033	18 42 8	+ 3 36	+34 45	+ 6	6.09 R	.	B5	+0.005	+0.004	.	− 19V	1.5	25.3		*
7034	18 43 51	+ 5 23	− 6 49	+ 6	6.32 H	.	F5	+0.042	−0.057	.	− 66	.	.		
7035	18 44 50	+ 6 9	−25 1	+ 6	5.76 H	+0.06	B5?V	+0.003	−0.027	.	+ 20V	.	.		
7036	18 48 39	+ 9 51	−65 5	+ 6	5.72	+0.25	A4	+0.043	−0.086	.	+ 0	.	.		
7037	18 47 0	+ 7 45	−50 6	+ 6	6.56 H	.	F0	−0.003	−0.034	.		.	.		
7038	18 45 18	+ 5 58	−21 0	+ 6	6.35 H	.	F5	+0.025	−0.022	.		.	.		
7039	18 45 40	+ 6 15	−27 0	+ 6	3.18	−0.10	B8III	+0.052	−0.002	.	+ 22V	.	.		
7040	18 44 50	+ 5 3	+ 2 3	+ 6	4.99 R	−0.07	B9V	+0.004	−0.020	+.002	− 13	.	.		
7041	18 43 17	+ 3 20	+39 19	+ 6	6.32 R	.	K5	+0.010	−0.005	.	− 34	.	.		6
7042	18 40 56	+ 0 52	+62 45	+ 6	5.89 R	.	K0III	−0.002	+0.060	.	− 26	.	.		
7043	18 43 36	+ 3 30	+36 34	+ 6	6.12 R	.	G8	+0.019	+0.062	.	− 61	.	.		
7044	18 43 51	+ 3 45	+31 56	+ 6	5.49 R	.	dF2	−0.039	−0.133	+.025	− 2	.	.		
7045	18 46 1	+ 5 54	−19 37	+ 6	6.55 H	.	gM4	−0.004	+0.002	.	− 40	.	.		
7046	18 46 21	+ 6 2	−22 24	+ 6	5.80 H	.	gK4	+0.029	−0.002	.	− 3	9.1	12.5		
7047	18 44 40	+ 4 10	+23 35	+ 6	6.10 R	.	dF5	+0.004	−0.090	+.021	− 12	.	.		
7048	18 45 28	+ 4 55	+ 5 30	+ 6	5.67 R	.	A0	+0.010	−0.013	.006D	− 10V	.4	2.8	4	*
7049	18 42 38	+ 1 56	+55 32	+ 6	5.06 R	.	A0si	−0.005	+0.020	+.007	− 30V	.	.		R
7050	18 47 44	+ 6 59	−40 25	+ 6	5.23	+0.78	g?G2	+0.006	−0.016	+.017	− 18V?	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
7051	4 ϵ^1 LYR	+39 3509	173582	25667	4326.	11194	11635A		18 41 2	+39 34	68 51	+18 12
7052	4 ϵ^1 LYR	+39 3509	173583	25666	4326.	11193	11635B		18 41 2	+39 34	68 51	+18 12
7053	5 ϵ^2 LYR	+39 3510	173607	25668	4326.	11195	11635C	VAR?	18 41 4	+39 30	68 47	+18 10
7054	5 ϵ^2 LYR	+39 3510	173608	25668	4326.	11196	11635D	VAR?	18 41 4	+39 30	68 47	+18 10
7055		−10 4797	173638	25718	.	11221	11670		18 41 12	−10 14	23 22	− 3 33
7056	6 ζ^1 LYR	+37 3222	173648	25676	4327.	11203	11639A	VAR?	18 41 20	+37 30	66 51	+17 23
7057	7 ζ^2 LYR	+37 3223	173649	25678	.	11205	11639D	VAR?	18 41 22	+37 29	66 50	+17 22
7058		+21 3550	173650	25695	.	11210			18 41 21	+21 53	52 7	+11 4
7059	5 AQL	− 1 3559	173654	25713	.	11218	11667		18 41 19	− 1 4	31 31	+ 0 40
7060		+53 2126	173664	25657	.	11188			18 41 21	+53 47	83 14	+22 45
7061	110 HER	+20 3926	173667	25698	4328.	11212	11658		18 41 21	+20 27	50 48	+10 27
7062	η^1 CRA	−43 12841	173715	25748	.	11236			18 41 38	−43 47	352 24	−17 54
7063	β SCT	− 4 4582	173764	25730	4332.	11226			18 41 52	− 4 51	28 13	− 1 12
7064		+26 3349	173780	25721	4333.	11222			18 42 3	+26 33	56 30	+12 54
7065		−45 12779	173791	25758	.				18 42 4	−45 55	350 20	−18 45
7066	R SCT	− 5 4760	173819	25735	4334.	11230		R SCT	18 42 9	− 5 49	27 24	− 1 43
7067		+18 3817	173833	25729	.	11225			18 42 18	+18 36	49 12	+ 9 26
7068	η^2 CRA	−43 12854	173861	25766	.	11245			18 42 23	−43 33	352 41	−17 57
7069	111 HER	+18 3823	173880	25734	4336.	11228			18 42 36	+18 4	48 45	+ 9 8
7070		−34 13128	173902	25764	.				18 42 38	−34 51	1 4	−14 38
7071		+54 2034	173920	25715	.	11219			18 42 54	+54 47	84 21	+22 48
7072		−18 5079	173928	25761	.		R6963		18 42 54	−18 42	15 59	− 7 47
7073		+41 3137	173936	25732	.				18 43 1	+41 20	70 44	+18 29
7074	λ PAV	−62 5983	173948	25823	.	11280	I	VAR?	18 42 57	−62 18	333 37	−23 52
7075		+60 1845	173949	25705	.	11214	11661		18 43 8	+60 57	90 52	+24 21
7076		+ 4 3884	173954	25756	.				18 43 5	+ 4 8	36 19	+ 2 42
7077		−19 5182	174115	25782	.				18 43 42	−19 15	15 34	− 8 12
7078	29 SGR	−20 5277	174116	25785	4339.	11261	11713	VAR?	18 43 44	−20 26	14 30	− 8 44
7079		+23 3461	174160	25772	.	11250			18 44 6	+23 24	53 47	+11 9
7080		+46 2551	174177	25755	.	11240			18 44 8	+46 12	75 38	+19 59
7081		+31 3369	174179	25768	.	11247			18 44 11	+31 39	61 29	+14 34
7082		+70 1023	174205	25707	.	11217			18 44 18	+70 41	101 26	+26 11
7083		− 6 4922	174208	25801	.		11719		18 44 20	− 6 1	27 28	− 2 17
7084		+52 2280	174237	25757	.	11241			18 44 29	+52 53	82 27	+22 2
7085		+ 0 4027	174240	25805	.	11269			18 44 32	+ 0 44	33 29	+ 0 48
7086		+19 3798	174262	25786	.	11262			18 44 32	+19 13	50 0	+ 9 14
7087	κ TEL	−52 11268	174295	25859	4346.	11312			18 44 44	−52 13	344 10	−21 15
7088	30 SGR	−22 4881	174309	25835	.	11284	11731		18 44 50	−22 17	12 56	− 9 46
7089	S SCT	− 8 4726	174325	25824	.	11281	11726	S SCT	18 44 54	− 8 1	25 46	− 3 20
7090		+48 2767	174366	25776	.	11253			18 45 3	+48 58	78 29	+20 45
7091		+24 3545	174369	25810	.	11271			18 45 8	+24 56	55 18	+11 35
7092		−46 12669	174387	25861	4349.	11313			18 45 1	−46 43	349 44	−19 30
7093		−52 11273	174430	25871	.	11321			18 45 18	−52 3	344 22	−21 17
7094		− 9 4859	174464	25846	.	11293			18 45 28	− 9 53	24 10	− 4 19
7095		−48 12769	174474	25872	.				18 45 28	−48 29	347 59	−20 10
7096		+48 2770	174481	25799	.	11267			18 45 38	+48 39	78 12	+20 33
7097		−46 12676	174500	25873	.				18 45 34	−46 42	349 47	−19 35
7098		+31 3373	174567	25836	.				18 45 57	+31 31	61 31	+14 10
7099		+10 3685	174569	25851	.	11300	11750		18 46 3	+10 52	42 39	+ 5 9
7100	8 LYR	+32 3227	174585	25837	.	11285	11732		18 46 3	+32 42	62 38	+14 38

BS= HR	RA (2000)	$\Delta\alpha$ 100 YR	DEC (2000)	$\Delta\delta$ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
7051	18 44 21	+ 3 19	+39 40	+ 6	5.06 H	.	A2	+0.012	+0.056	+.015	− 31	1.7	3.6	9	*
7052	18 44 21	+ 3 19	+39 40	+ 6	6.02 H	.	A4	−0.002	+0.056	+.015	− 33	1.7	3.6	9	*
7053	18 44 23	+ 3 19	+39 36	+ 6	5.14 H	.	A3	+0.002	+0.061	.023D	− 24	.3	3.0	9	*
7054	18 44 23	+ 3 19	+39 36	+ 6	5.37 H	.	A5	+0.002	+0.061	.023D	− 29	.3	3.0	9	*
7055	18 46 43	+ 5 31	−10 8	+ 6	5.81 H	.	F2I-IIb	−0.010	+0.000	.	+ 10	8.2	3.3		4
7056	18 44 47	+ 3 27	+37 36	+ 6	4.37	+0.18	A m	+0.023	+0.021	+.025	− 26V	1.3	43.8	5	*
7057	18 44 49	+ 3 27	+37 35	+ 6	5.74	+0.28	F0IV	+0.017	+0.016	.	− 24V?	1.3	43.8	5	D
7058	18 45 36	+ 4 15	+21 59	+ 6	6.50	+0.02	A p	+0.010	+0.008	.	− 17V	.	.		
7059	18 46 29	+ 5 10	− 0 58	+ 6	5.66	+0.17	A m+Am	+0.009	−0.023	.009D	+ 19	1.8	13.2	3	*
7060	18 43 29	+ 2 8	+53 53	+ 6	6.07 R	.	A2	+0.001	−0.012	.	+ 0	.	.		
7061	18 45 39	+ 4 18	+20 33	+ 6	4.20	+0.46	F6V	−0.014	−0.338	+.049	+ 24	6.7	62.9	5	
7062	18 48 51	+ 7 13	−43 40	+ 7	5.59 H	.	A2	+0.022	−0.017	.	− 6	.	.		
7063	18 47 10	+ 5 18	− 4 45	+ 6	4.22	+1.10	G5II	−0.010	−0.021	+.016	− 22V	.	.		R
7064	18 46 5	+ 4 2	+26 39	+ 6	4.80 R	.	K3III	+0.015	+0.018	+.023	− 17	.	.		
7065	18 49 27	+ 7 23	−45 48	+ 7	5.80	+0.90	G6IV	+0.062	+0.060	.	+ 10	.	.		
7066	18 47 29	+ 5 20	− 5 43	+ 6	4.70	+1.40	G0Iae	−0.046	−0.029	+.002	+ 44V	.	.		
7067	18 46 41	+ 4 23	+18 42	+ 6	6.12 R	.	K5	+0.023	−0.026	.	− 13	.	.		
7068	18 49 34	+ 7 11	−43 26	+ 7	5.64 H	.	B9	−0.007	−0.026	.	− 23V?	.	.		
7069	18 47 1	+ 4 25	+18 11	+ 7	4.30 R	.	A3V	+0.067	+0.110	+.045	− 45V	.	.		G
7070	18 49 17	+ 6 39	−34 45	+ 6	6.56 H	.	K0	+0.041	−0.104	.		.	.		
7071	18 44 55	+ 2 1	+54 53	+ 6	6.12 R	.	G5	+0.002	−0.023	.	+ 7	.	.		
7072	18 48 45	+ 5 51	−18 35	+ 7	6.46 H	.	K0+A1	−0.010	−0.006	.		.5	.3		2
7073	18 46 13	+ 3 12	+41 26	+ 6	5.92 R	−0.12	B9	−0.007	−0.009	.	− 13	.	.		
7074	18 52 13	+ 9 16	−62 11	+ 7	4.22	−0.14	B1Ve	−0.006	−0.023	.	+ 20V	9.0	63.1		
7075	18 44 19	+ 1 11	+61 3	+ 6	6.09 R	.	sgG7	−0.007	+0.016	.006D	− 25	2.8	1.9		2
7076	18 48 3	+ 4 58	+ 4 15	+ 7	6.26 R	.	K5	+0.001	−0.003	.		.	.		
7077	18 49 35	+ 5 53	−19 8	+ 7	6.74	+0.20	A0	+0.014	+0.008	.		.	.		
7078	18 49 40	+ 5 56	−20 19	+ 7	5.37 H	.	gK4	+0.003	+0.034	+.026	− 18V	8.7	17.0		
7079	18 48 17	+ 4 11	+23 31	+ 7	5.98 R	.	F5	+0.018	−0.033	.	− 0	.	.		
7080	18 46 58	+ 2 50	+46 19	+ 7	6.42 R	.	A0	−0.007	−0.014	.	− 1	.	.		
7081	18 47 57	+ 3 46	+31 46	+ 7	5.75 R	.	B3	+0.004	−0.006	.	− 15	.	.		
7082	18 43 10	− 1 8	+70 47	+ 6	6.41 R	.	K2	−0.005	−0.005	.	− 5	.	.		
7083	18 49 41	+ 5 21	− 5 54	+ 7	6.22 H	.	K0	−0.001	−0.007	.		1.6	113.9	3	D
7084	18 46 43	+ 2 14	+53 0	+ 7	5.89	−0.07	B5e	+0.013	−0.009	.	− 20V	.	.		6
7085	18 49 37	+ 5 5	+ 0 51	+ 7	6.22 R	.	A0	−0.006	−0.026	.	− 45	.	.		6
7086	18 48 54	+ 4 22	+19 20	+ 7	5.74 R	+0.02	A2V	+0.011	−0.025	.	+ 6V	.	.		
7087	18 52 40	+ 7 56	−52 6	+ 7	5.27 H	.	gG8	+0.032	−0.107	+.008	− 44	.	.		
7088	18 50 51	+ 6 1	−22 10	+ 7	6.24 H	.	A7III	−0.032	−0.037	.	− 35	7.0	21.5		
7089	18 50 20	+ 5 26	− 7 54	+ 7	7.0 H	.	$C5_4$	−0.003	+0.001	.	+ 0	4.9	14.5	3	
7090	18 47 40	+ 2 37	+49 5	+ 7	6.36 R	.	A0	+0.000	+0.014	.	− 17	.	.		
7091	18 49 14	+ 4 6	+25 3	+ 7	6.53 R	.	A0	−0.003	−0.017	.	− 9	.	.		6
7092	18 52 27	+ 7 26	−46 36	+ 7	5.49 H	.	gK6	+0.015	−0.005	+.004	− 28	.	.		
7093	18 53 12	+ 7 54	−51 56	+ 7	6.48 H	.	B8	+0.008	−0.007	.	− 23	.	.		
7094	18 50 58	+ 5 30	− 9 46	+ 7	5.89 H	.	gF3	−0.004	−0.004	.	− 18	.	.		
7095	18 53 2	+ 7 34	−48 22	+ 7	6.50 H	.	A0	−0.006	−0.047	.		.	.		
7096	18 48 16	+ 2 38	+48 46	+ 7	6.00 R	.	A3	−0.020	+0.042	.	− 31	.	.		
7097	18 52 59	+ 7 25	−46 35	+ 7	6.34 H	.	A2	−0.031	+0.022	.		.	.		
7098	18 49 44	+ 3 47	+31 38	+ 7	6.48 R	+0.04	B9.5V	−0.009	−0.016	.		.	.		
7099	18 50 45	+ 4 42	+10 59	+ 7	6.49 R	.	K5III	+0.018	+0.007	.005D	− 24	1.2	4.2		D
7100	18 49 46	+ 3 43	+32 49	+ 7	5.80 R	.	B2	+0.000	−0.012	.	− 17	4.5	59.2	4	

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
7101	8 AQL	− 3 4392	174589	25862	.	11314			18 46 7	− 3 26	29 58	− 1 29
7102	9 ν LYR	+32 3228	174602	25841	4352.	11289	11737		18 46 9	+32 26	62 24	+14 30
7103		−26 13562	174630	25876	.				18 46 15	−26 46	8 58	−10 0
7104		−29 15449	174631	25880	.				18 46 16	−29 30	6 25	−13 9
7105		−30 16356	174632	25881	.				18 46 17	−30 51	5 10	−13 43
7106	10 β LYR	+33 3223	174638	25847	4353.	11294	11745A	β LYR	18 46 23	+33 15	63 11	+14 47
7107	κ PAV	−67 3603	174694	25930	4354.	11348		κ PAV	18 46 38	−67 22	328 17	−25 23
7108		−50 12206	174730	25907	.				18 46 50	−50 0	346 32	−20 52
7109		+13 3787	174853	25886	.			VAR?	18 47 27	+13 51	45 29	+ 6 12
7110		− 9 4876	174866	25897	.				18 47 32	− 9 42	24 34	− 4 41
7111		−62 6002	174877	25944	.				18 47 34	−62 55	333 6	−24 32
7112		+28 3104	174881	25883	.	11324			18 47 40	+28 39	58 59	+12 39
7113	112 HER	+21 3582	174933	25895	4360.	11332			18 48 0	+21 18	52 16	+ 9 25
7114	33 SGR	−21 5176	174947	25914	.	11343			18 48 2	−21 29	14.0	−10 5
7115		+36 3295	174959	25889	.	11328			18 48 6	+36 25	66 21	+15 43
7116	32 ν^1 SGR	−22 4907	174974	25918	4361.	11344	11794		18 48 8	−22 52	12 44	−10 43
7117		+73 835	174980	25803	4363.	11268			18 48 16	+73 58	105 7	+26 23
7118		+41 3167	175132	25906	.				18 48 55	+41 16	71 5	+17 26
7119		−15 5143	175156	25931	.	11350			18 48 59	−15 44	19 19	− 7 45
7120	35 ν^2 SGR	−22 4915	175190	25939	4367.	11358			18 49 4	−22 48	12 54	−10 53
7121	34 σ SGR	−26 13595	175191	25941	.	11359			18 49 4	−26 25	9 33	−12 25
7122		−42 13761	175219	25956	4368.	11367			18 49 9	−42 50	353 51	−18 50
7123		+52 2294	175225	25904	4371.	11337			18 49 21	+52 51	82 39	+21 20
7124	50 DRA	+75 682	175286	25839	4373.	11287			18 49 36	+75 19	106 37	+26 30
7125	47 o DRA	+59 1925	175306	25905	4374.	11338	11779		18 49 44	+59 16	89 19	+23 8
7126		−16 5078	175317	25955	.	11365			18 49 45	−16 30	18 42	− 8 15
7127	ω PAV	−60 7213	175329	26008	4375.	11393			18 49 43	−60 20	335 55	−24 10
7128		−23 14844	175360	25963	.				18 49 57	−23 18	12 32	−11 17
7129		−37 12982	175362	25973	.	11380			18 49 54	−37 28	359 10	−17 1
7130		−66 3404	175401	26023	.				18 49 54	−66 47	328 59	−25 35
7131	11 δ^1 LYR	+36 3307	175426	25934	.	11352		VAR?	18 50 14	+36 51	66 56	+15 30
7132		+27 3150	175443	25942	.	11361			18 50 15	+27 47	58 26	+11 46
7133	113 HER	+22 3524	175492	25954	4378.	11364	11820		18 50 32	+22 31	53 38	+ 9 26
7134	λ TEL	−53 9402	175510	26016	.	11397			18 50 28	−53 4	343 35	−22 21
7135		+ 6 3978	175515	25964	4380.1	11372			18 50 35	+ 6 29	39 16	+ 2 8
7136		−39 13012	175529	26005	.				18 50 38	−39 57	356 48	−18 4
7137		+50 2686	175535	25935	4382.	11353			18 50 45	+50 35	80 26	+20 24
7138					.							
7139	12 δ^2 LYR	+36 3319	175588	25959	4385.	11369	11825	δ^2 LYR	18 51 0	+36 46	66 55	+15 20
7140		+33 3257	175635	25965	.	11373	11834		18 51 13	+33 50	64 10	+14 6
7141	63 θ^1 SER	+ 4 3916	175638	25991	4387.	11384	11853A	VAR?	18 51 15	+ 4 4	37 12	+ 0 52
7142	63 θ^2 SER	+ 4 3917	175639	25993	.	11385	11853B	VAR?	18 51 16	+ 4 4	37 13	+ 0 51
7143		− 1 3602	175640	25995	.	11386			18 51 11	− 1 56	31 53	− 1 55
7144		+ 2 3730	175679	26000	.	11391			18 51 24	+ 2 21	35 42	+ 0 2
7145	36 ξ^1 SGR	−20 5339	175687	26012	4388.	11394			18 51 24	−20 47	14 59	−10 30
7146		+41 3177	175740	25972	.	11379	11840		18 51 40	+41 28	71 29	+17 2
7147		+17 3778	175744	25997	.				18 51 38	+17 52	49 33	+ 7 7
7148		+17 3779	175743	25999	4390.	11389			18 51 41	+17 59	49 39	+ 7 10
7149	η SCT	− 6 4976	175751	26013	4391.	11395			18 51 42	− 5 59	28 21	− 3 54
7150	37 ξ^2 SGR	−21 5201	175775	26019	4393.	11399			18 51 46	−21 14	14 37	−10 46

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
7101	18 51 22	+ 5 15	− 3 19	+ 7	6.04 H	.	A3	−0.004	−0.027	.	+ 12	.	.		
7102	18 49 53	+ 3 44	+32 33	+ 7	5.14 R	+0.06	A3V	−0.015	−0.018	+.016	+ 10	7.5	19.7		2
7103	18 52 28	+ 6 13	−26 39	+ 7	6.32 H	.	G5	+0.009	−0.051	.		.	.		
7104	18 52 37	+ 6 21	−29 23	+ 7	6.29 H	.	K0	−0.005	−0.044	.		.	.		
7105	18 52 42	+ 6 25	−30 44	+ 7	6.63 H	.	B8	−0.004	−0.029	.		.	.		
7106	18 50 4	+ 3 41	+33 22	+ 7	3.4 H	.	B pe	+0.001	−0.007	−.011	− 19V	3.7	46.6	6	*
7107	18 56 57	+ 10 19	−67 15	+ 7	3.90	+0.60	F5p	−0.006	+0.009	+.005	+ 37V	.	.		
7108	18 54 32	+ 7 42	−49 53	+ 7	6.62 H	.	A2	−0.012	−0.012	.		.	.		
7109	18 52 2	+ 4 35	+13 58	+ 7	6.06 R	−0.05	B8V	−0.010	−0.019	.		.	.		
7110	18 53 2	+ 5 30	− 9 35	+ 7	6.26 H	.	A4	+0.035	−0.004	.		.	.		
7111	18 56 55	+ 9 21	−62 47	+ 8	6.50 H	.	K0	+0.004	+0.030	.		.	.		
7112	18 51 36	+ 3 56	+28 46	+ 7	6.30 R	.	gG9	+0.007	+0.006	.	− 22	.	.		
7113	18 52 16	+ 4 16	+21 25	+ 7	5.20 R	−0.07	B9II-III	−0.011	−0.012	+.005	− 20V	.	.		R
7114	18 54 0	+ 5 58	−21 22	+ 7	5.75 H	.	cK0	+0.006	−0.017	.	− 4	.	.		
7115	18 51 37	+ 3 31	+36 32	+ 7	6.00 R	.	B5	−0.012	−0.026	.	− 21	.	.		
7116	18 54 10	+ 6 2	−22 45	+ 7	4.83	+1.42	cK2	+0.007	−0.013	+.021	− 12	5.5	29.0	3	D
7117	18 45 46	− 2 30	+74 5	+ 7	5.24 R	.	K0II-III	+0.004	+0.077	+.018	+ 3	.	.		
7118	18 52 7	+ 3 12	+41 23	+ 7	6.21 R	−0.09	B9	−0.021	−0.004	.	− 25	.	.		
7119	18 54 43	+ 5 44	−15 37	+ 7	5.04 H	.	B5III	−0.012	−0.007	.	− 2	.	.		
7120	18 55 7	+ 6 3	−22 41	+ 7	5.04 H	.	K3p	+0.100	−0.029	+.034	−110V	.	.		6
7121	18 55 16	+ 6 12	−26 18	+ 7	2.10	−0.20	B2V	+0.012	−0.058	.	− 11	.	.		
7122	18 56 16	+ 7 7	−42 42	+ 8	5.35	+1.00	G6III-IV	−0.039	−0.028	+.004	− 21	.	.		
7123	18 51 35	+ 2 14	+52 59	+ 8	5.47 R	.	dG8	−0.048	+0.268	+.035	+ 2	.	.		
7124	18 46 22	− 3 14	+75 26	+ 7	5.36 R	.	A1	−0.016	+0.072	+.005	− 8V	.	.		R
7125	18 51 13	+ 1 29	+59 23	+ 7	4.65 R	.	K0II-III	+0.079	+0.024	+.003	− 20V	3.0	34.0		*
7126	18 55 31	+ 5 46	−16 23	+ 7	5.58 H	.	dF5	−0.029	−0.185	.	− 42	.	.		
7127	18 58 36	+ 8 53	−60 12	+ 8	5.13	+1.36	K1III-IV	−0.124	+0.031	+.011	+180	.	.		
7128	18 56 0	+ 6 3	−23 10	+ 8	5.89 H	−0.02	B8	−0.004	−0.012	.		.	.		
7129	18 56 41	+ 6 47	−37 20	+ 8	5.41 H	.	B9III?	+0.005	−0.028	.	+ 3	.	.		G
7130	19 0 3	+ 10 9	−66 39	+ 8	6.00	+0.97	K0	+0.006	−0.043	.		.	.		
7131	18 53 44	+ 3 30	+36 59	+ 8	5.51 R	.	B3	−0.002	−0.006	.	− 26V	.	.		R
7132	18 54 13	+ 3 58	+27 54	+ 7	5.65 R	.	gK4	−0.021	−0.076	.	+ 15	.	.		
7133	18 54 45	+ 4 13	+22 39	+ 8	4.49 R	.	G0+A3	+0.003	+0.001	+.011	− 24V	6.5	35.5	3	*
7134	18 58 28	+ 8 0	−52 56	+ 8	5.03 H	.	B9III	+0.014	−0.003	.	− 6V	.	.		6
7135	18 55 28	+ 4 53	+ 6 37	+ 8	5.52 R	.	gG9	+0.015	−0.090	+.014	+ 23V	.	.		
7136	18 57 34	+ 6 56	−39 49	+ 8	6.36 H	.	A3	+0.033	+0.028	.		.	.		
7137	18 53 14	+ 2 29	+50 42	+ 7	4.86 R	.	G8III	+0.000	−0.029	+.023	+ 8	.	.		
7138					.	.		.	.	.		.	.		
7139	18 54 30	+ 3 30	+36 54	+ 8	4.33VR	.	M4II	−0.014	+0.007	−.002	− 27	6.7	86.2	3	
7140	18 54 53	+ 3 40	+33 58	+ 8	6.08 H	.	G5II-III	−0.012	−0.001	.	− 16V	1.0	45.5	3	*
7141	18 56 13	+ 4 58	+ 4 12	+ 8	4.59	+0.15	A5V	+0.043	+0.030	+.026	− 45	.2	22.3		*
7142	18 56 14	+ 4 58	+ 4 12	+ 8	4.99	+0.20	A5n	+0.045	+0.024	.	− 54	.2	22.3		*
7143	18 56 22	+ 5 11	− 1 48	+ 8	6.20 H	.	A0	−0.021	−0.019	.	− 26	.	.		
7144	18 56 26	+ 5 2	+ 2 29	+ 8	6.16 R	.	G8III	+0.003	−0.013	.	− 15	.	.		
7145	18 57 20	+ 5 56	−20 39	+ 8	5.06 H	.	A0I?	−0.003	−0.009	−.011	+ 2	.	.		
7146	18 54 52	+ 3 12	+41 36	+ 8	5.46 R	.	gG8	−0.003	−0.005	.	− 9	6.0	24.2	3	
7147	18 56 3	+ 4 25	+18 0	+ 8	6.39 R	−0.05	B9si	+0.006	−0.022	.		.	.		
7148	18 56 6	+ 4 25	+18 7	+ 8	5.56 R	.	K1III	−0.047	−0.166	+.003	+ 44	.	.		*
7149	18 57 3	+ 5 21	− 5 51	+ 8	4.82	+1.08	K2III	+0.061	−0.037	+.037	− 93	.	.		
7150	18 57 44	+ 5 58	−21 6	+ 8	3.52	+1.18	K1III	+0.031	−0.016	+.006	− 20	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
7151		−31 16189	175794	26029	.				18 51 56	−31 10	5 22	−14 57
7152	ϵ CRA	−37 13001	175813	26038	4394.	11411		ϵ CRA	18 51 59	−37 14	359 33	−17 18
7153		+57 1915	175823	25960	.	11370			18 52 2	+57 22	87 25	+22 19
7154		+48 2793	175824	25980	4395.	11383	11846		18 52 9	+48 44	78 39	+19 34
7155		−25 13574	175852	26037	.				18 52 13	−25 1	11 10	−12 29
7156		−39 13032	175855	26044	.		I		18 52 16	−39 40	357 12	−18 15
7157	13 R LYR	+43 3117	175865	25996	4396.	11388		R LYR	18 52 18	+43 49	73 49	+17 48
7158	64 SER	+ 2 3738	175869	26020	.	11400			18 52 15	+ 2 24	35 51	+ 0 8
7159		−22 4928	175892	26039	.				18 52 23	−22 40	13 21	−11 31
7160		+79 604	175938	25868	.	11317			18 52 42	+79 50	111 39	+26 56
7161		−68 3180	175986	26117	.		F		18 52 49	−68 54	326 43	−26 13
7162		+32 3267	176051	26030	4399.	11406	11871		18 53 17	+32 46	63 21	+13 16
7163		+ 6 3989	176095	26050	.	11416			18 53 30	+ 6 7	39 17	+ 1 19
7164		−18 5155	176123	26065	.				18 53 36	−18 42	17 7	−10 3
7165	FF AQL	+17 3799	176155	26052	4400.	11417	11884	FF AQL	18 53 48	+17 14	49 13	+ 6 22
7166		−13 5172	176162	26068	.	11430	K		18 53 47	−12 59	22 19	− 7 33
7167	10 AQL	+13 3838	176232	26064	.	11426			18 54 11	+13 46	46 9	+ 4 42
7168		−25 13614	176246	26089	.	11440			18 54 17	−25 5	11 18	−12 56
7169		−37 13017	176269	26099	.	11446	IB		18 54 18	−37 12	359 46	−17 43
7170		−37 13018	176270	26100	.	11447	IA		18 54 19	−37 12	359 46	−17 44
7171		+19 3858	176301	26067	.	11429			18 54 24	+19 39	51 27	+ 7 20
7172	11 AQL	+13 3841	176303	26075	4403.	11434	11902	VAR?	18 54 29	+13 29	45 56	+ 4 31
7173		+ 9 3951	176304	26080	.	11436			18 54 33	+10 0	42 51	+ 2 53
7174		+38 3373	176318	26059	.	11423			18 54 37	+38 8	68 31	+15 13
7175	48 DRA	+57 1922	176408	26049	4405.	11415			18 55 4	+57 41	87 53	+22 1
7176	13 ϵ AQL	+14 3736	176411	26091	4406.	11441			18 55 5	+14 56	47 18	+ 5 3
7177		−42 13839	176425	26126	.				18 55 4	−42 3	355 2	−19 35
7178	14 γ LYR	+32 3286	176437	26086	4407.	11437	11908	VAR?	18 55 12	+32 33	63 19	+12 49
7179		+40 3544	176502	26087	.	11438	11910		18 55 30	+40 33	70 53	+16 0
7180	52 υ DRA	+71 915	176524	26024	4408.	11402			18 55 37	+71 10	102 9	+25 21
7181		+26 3418	176527	26101	4409.	11448			18 55 41	+26 6	57 25	+ 9 57
7182		−22 4946	176537	26127	.				18 55 36	−22 50	13 31	−12 15
7183		+22 3549	176541	26107	.	11452			18 55 45	+22 40	54 19	+ 8 25
7184		+58 1849	176560	26069	4410.	11431	11897		18 55 50	+58 5	88 19	+22 2
7185		+39 3602	176582	26095	.	11443			18 55 50	+39 5	69 31	+15 22
7186		−15 5185	176593	26132	.	11466			18 55 51	−15 25	20 21	− 9 5
7187		+65 1309	176598	26055	4411.	11419			18 55 59	+65 7	95 41	+23 57
7188	ζ CRA	−42 13855	176638	26165	4412.	11485			18 56 2	−42 14	354 55	−19 49
7189					.							
7190		−51 11893	176664	26182	.		I		18 56 10	−51 10	345 49	−22 38
7191		+62 1669	176668	26074	.	11433	11901		18 56 17	+62 16	92 41	+23 11
7192	15 λ LYR	+31 3424	176670	26115	4413.	11455			18 56 14	+32 0	62 54	+12 23
7193	12 AQL	− 5 4840	176678	26141	4414.	11472		VAR?	18 56 20	− 5 53	28 58	− 4 53
7194	38 ζ SGR	−30 16575	176687	26161	4415.	11482	11950		18 56 15	−30 1	6 51	−15 20
7195		−25 13655	176704	26159	.	11481			18 56 20	−24 59	11 36	−13 19
7196		+50 2705	176707	26103	.	11449			18 56 30	+50 41	80 51	+19 34
7197		−38 13300	176723	26177	.	11492			18 56 28	−38 24	358 45	−18 34
7198		+19 3879	176776	26136	.	11469			18 56 43	+19 10	51 16	+ 6 38
7199		+75 683	176795	26036	4417.	11410	11870		18 56 55	+75 39	107 4	+26 6
7200		+20 4022	176819	26147	.	11476		VAR?	18 57 4	+20 42	52 40	+ 7 15

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B—V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
7151	18 58 21	+ 6 25	−31 2	+ 8	6.14 H	.	K0	−0.049	−0.059	.		.	.		
7152	18 58 44	+ 6 45	−37 6	+ 8	4.87 H	.	F0V	−0.131	−0.100	+.023	+ 53V	.	.		
7153	18 53 46	+ 1 44	+57 30	+ 8	6.28 R	.	gK5	+0.015	−0.008	.	− 5	.	.		
7154	18 54 47	+ 2 38	+48 52	+ 8	5.78 R	.	dF4	−0.067	−0.122	+.017	− 11	6.7	1.6		2
7155	18 58 21	+ 6 8	−24 53	+ 8	6.60 H	.	A0	+0.004	−0.001	.		.	.		
7156	18 59 11	+ 6 55	−39 32	+ 8	6.45 H	.	A0	+0.006	−0.036	.		5.5	16.3		
7157	18 55 21	+ 3 3	+43 57	+ 8	4.0 H	.	M5III	+0.019	+0.077	−.001	− 28V	.	.		G
7158	18 57 17	+ 5 2	+ 2 32	+ 8	5.47 R	+0.00	B8	−0.009	−0.014	.	− 11	.	.		
7159	18 58 24	+ 6 1	−22 32	+ 8	6.04 H	.	A2	−0.025	+0.014	.		.	.		
7160	18 45 38	− 7 4	+79 57	+ 7	6.29 R	.	A5	+0.021	+0.075	.	− 5V?	.	.		
7161	19 3 30	+ 10 41	−68 46	+ 8	5.88	+0.56	dF9	−0.011	−0.006	.		.0	.1		
7162	18 57 2	+ 3 45	+32 54	+ 8	5.22	+0.61	G0V	+0.165	−0.161	+.056	− 47	2.2	1.5	6	D
7163	18 58 23	+ 4 53	+ 6 15	+ 8	6.32 R	.	F5	−0.009	−0.106	.	− 9	.	.		
7164	18 59 27	+ 5 51	−18 34	+ 8	6.34 H	.	G5	+0.000	−0.044	.		.	.		
7165	18 58 15	+ 4 27	+17 22	+ 8	5.40	+0.80	F5	−0.009	−0.011	−.007	− 22V	5.7	6.3		*
7166	18 59 24	+ 5 37	−12 51	+ 8	5.36 H	.	B5V	−0.003	−0.020	.006D	− 13	.5	.2		*
7167	18 58 46	+ 4 35	+13 54	+ 8	5.90	+0.24	A p	−0.007	−0.055	.	+ 15	.	.		G
7168	19 0 25	+ 6 8	−24 57	+ 8	6.38 H	.	gK0	+0.053	+0.039	.	− 25	.	.		
7169	19 1 3	+ 6 45	−37 4	+ 8	6.84 H	.	B8	+0.007	−0.022	.	+ 10	.2	13.0		D
7170	19 1 4	+ 6 45	−37 4	+ 8	6.62 H	.	B8	+0.006	−0.042	.	− 27	.2	13.0		*
7171	18 58 45	+ 4 21	+19 47	+ 8	6.24 R	−0.04	B6V	−0.001	−0.008	.	− 1	.	.		
7172	18 59 5	+ 4 36	+13 37	+ 8	5.24	+0.53	F8IV	+0.009	−0.126	+.035	+ 16	3.5	18.7	3	*
7173	18 59 17	+ 4 44	+10 8	+ 8	6.49 R	.	B2V	+0.019	−0.013	.	− 23V?	.	.		
7174	18 58 2	+ 3 25	+38 16	+ 8	5.70 R	−0.18	B6V	−0.005	−0.003	.	− 28V	.	.		R
7175	18 56 45	+ 1 41	+57 49	+ 8	7.62 R	.	gK3	−0.037	−0.069	+.020	− 34	.	.		
7176	18 59 37	+ 4 32	+15 4	+ 8	4.06 R	.	K2III	−0.056	−0.075	+.025	− 48V	.	.		6
7177	19 2 8	+ 7 4	−41 55	+ 8	6.39 H	.	A1	+0.045	+0.000	.	− 13	.	.		
7178	18 58 56	+ 3 44	+32 41	+ 8	3.25	−0.05	B9III	−0.006	−0.003	+.011	− 22V	8.8	13.8		1
7179	18 58 46	+ 3 16	+40 41	+ 8	6.03 R	.	B5	+0.002	−0.003	.	− 19	2.3	19.1		D
7180	18 54 23	− 1 14	+71 18	+ 8	4.78 R	.	K0III	+0.048	+0.042	+.010	− 7V	.	.		
7181	18 59 45	+ 4 4	+26 14	+ 8	5.14 R	.	K2III	+0.083	−0.010	−.002	− 24V?	.	.		6
7182	19 1 38	+ 6 2	−22 42	+ 8	6.34 H	.	K5	+0.001	−0.003	.		.	.		
7183	18 59 58	+ 4 13	+22 48	+ 8	6.24 R	.	gM3	−0.028	+0.009	.	− 53	.	.		
7184	18 57 29	+ 1 39	+58 13	+ 8	6.28 R	.	A2	+0.011	+0.045	−.017	+ 1	.6	.7		D
7185	18 59 12	+ 3 22	+39 13	+ 8	6.22 R	.	B5	−0.003	+0.009	.	− 14	.	.		
7186	19 1 34	+ 5 43	−15 17	+ 8	6.38 H	.	gG6	−0.004	+0.002	.	+ 20	.	.		
7187	18 56 26	+ 0 27	+65 15	+ 8	5.59 R	.	gG5	−0.027	−0.018	−.003	− 5	.	.		
7188	19 3 7	+ 7 5	−42 6	+ 8	4.74	−0.03	A0	+0.051	−0.054	+.020	− 7	.	.		
7189					.	.		.	.	.		.	.		
7190	19 3 57	+ 7 47	−51 2	+ 8	5.92	+1.24	K5	+0.025	−0.146	.		5.7	22.0	3	
7191	18 57 17	+ 1 0	+62 24	+ 8	6.31 R	.	G5IV	+0.003	−0.041	.	− 8	2.5	17.4		D
7192	19 0 0	+ 3 46	+32 8	+ 8	4.96 R	.	K3II	+0.008	+0.009	−.003	− 16	.	.		
7193	19 1 40	+ 5 20	− 5 45	+ 8	4.02	+1.10	K1III	−0.024	−0.034	+.017	− 44	.	.		
7194	19 2 37	+ 6 22	−29 52	+ 9	2.60	+0.08	A2III	−0.019	−0.005	+.020	+ 22	.2	.8	3	D
7195	19 2 27	+ 6 7	−24 51	+ 8	5.73 H	.	gK4	−0.026	−0.179	.	+ 0	.	.		
7196	18 58 59	+ 2 29	+50 49	+ 8	6.21 R	.	G5	+0.020	+0.014	.	− 21	.	.		
7197	19 3 17	+ 6 49	−38 15	+ 9	5.73 H	.	gF1	+0.009	+0.007	.	+ 16	.	.		
7198	19 1 5	+ 4 22	+19 18	+ 8	6.33 R	.	K1III	+0.013	−0.002	.	− 29	.	.		
7199	18 53 33	− 3 22	+75 47	+ 8	6.60 H	.	A0	+0.011	+0.025	−.009	− 17V	.8	6.1		*
7200	19 1 22	+ 4 18	+20 51	+ 9	6.55 R	.	B2	+0.001	+0.014	.	− 10V	.	.		R

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
7201		+40 3555	176844	26130	.	11464			18 57 2	+40 33	71 1	+15 44
7202		+26 3429	176871	26151	4418.	11477			18 57 14	+26 9	57 37	+ 9 39
7203		−19 5273	176884	26184	.	11500	11972		18 57 11	−19 23	16 52	−11 7
7204		+33 3287	176896	26142	.	11474			18 57 14	+33 40	64 32	+12 54
7205		−19 5275	176903	26188	.				18 57 15	−19 14	17 1	−11 3
7206		+24 3608	176939	26164	.	11484			18 57 28	+24 53	56 30	+ 9 3
7207		+22 3561	176971	26167	.	11487			18 57 35	+22 8	54 1	+ 7 48
7208		+ 8 3951	176981	26179	.	11494			18 57 33	+ 8 14	41 38	+ 1 25
7209	14 AQL	− 3 4460	176984	26190	.	11505			18 57 39	− 3 51	30 56	− 4 14
7210		+50 2708	177003	26138	.	11470			18 57 43	+50 23	80 38	+19 17
7211		−31 16306	177074	26209	.	11518			18 58 0	−31 12	5 52	−16 9
7212		+33 3295	177109	26180	.	11495	11965		18 58 7	+33 29	64 27	+12 39
7213	ρ TEL	−52 11356	177171	26240	4423.	11535			18 58 25	−52 29	344 33	−23 20
7214		+ 1 3865	177178	26205	.	11517			18 58 29	+ 1 40	35 55	− 1 51
7215	16 LYR	+46 2602	177196	26181	4425.	11497	11964		18 58 37	+46 48	77 10	+17 52
7216		+19 3888	177199	26198	.	11509			18 58 31	+19 31	51 46	+ 6 25
7217	39 o SGR	−21 5237	177241	26224	4426.	11523	11996		18 58 41	−21 53	14 43	−12 30
7218	49 DRA	+55 2137	177249	26169	.	11488			18 58 45	+55 31	85 50	+20 52
7219		+ 3 3882	177332	26223	.	11522			18 59 11	+ 3 11	37 21	− 1 18
7220	V AQL	− 5 4858	177336	26226	.	11525		V AQL	18 59 4	− 5 50	29 20	− 5 27
7221		−68 3185	177389	26313	4427.	11568			18 59 17	−68 35	327 10	−26 45
7222		+21 3648	177392	26221	.	11520			18 59 25	+21 7	53 18	+ 6 57
7223		−48 12901	177406	26272	.				18 59 23	−48 27	348 48	−22 21
7224		+69 1018	177410	26146	.				18 59 30	+69 23	100 19	+24 39
7225	15 AQL	− 4 4684	177463	26237	4430.	11534	12007A		18 59 41	− 4 11	30 52	− 4 50
7226	γ CRA	−37 13048	177474	26263	4431.	11543	IA		18 59 40	−37 12	0 10	−18 43
7227	γ CRA	−37 13048	177475	26263	.		IB		18 59 40	−37 12	0 10	−18 43
7228	σ OCT	−89 47	177482	28194	.	12662			18 59 44	−89 15	303 55	−27 42
7229		+52 2326	177483	26202	.	11514	11979		18 59 46	+52 7	82 28	+19 35
7230		−15 5223	177517	26259	.	11541			18 59 58	−15 49	20 26	−10 9
7231		− 1 3642	177552	26251	.				19 0 8	− 1 40	33 10	− 3 46
7232		−37 13049	177565	26283	4433.				19 0 7	−37 57	359 28	−19 4
7233		−55 19001	177693	26319	.				19 0 36	−55 52	341 3	−24 30
7234	40 τ SGR	−27 13564	177716	26291	4435.	11558			19 0 42	−27 49	9 20	−15 21
7235	17 ζ AQL	+13 3899	177724	26270	4436.	11547	12026		19 0 49	+13 43	46 51	+ 3 15
7236	16 λ AQL	− 5 4876	177756	26285	4438.	11555			19 0 57	− 5 2	30 16	− 5 30
7237		+31 3453	177808	26266	4441.	11545			19 1 9	+31 36	62 59	+11 16
7238		+30 3409	177809	26264	.	11544			19 1 7	+30 35	62 3	+10 50
7239		−16 5153	177817	26299	.		12039		19 1 7	−16 23	20 2	−10 39
7240		−28 15403	177846	26308	.				19 1 13	−28 47	8 28	−15 51
7241		−18 5206	177863	26306	.			VAR?	19 1 17	−18 54	17 44	−11 46
7242	δ CRA	−40 13061	177873	26322	4442.	11578			19 1 23	−40 39	356 52	−20 14
7243	R AQL	+ 8 3970	177940	26297	.	11562		R AQL	19 1 33	+ 8 5	41 57	+ 0 28
7244		+29 3472	178003	26293	.	11559			19 1 53	+29 46	61 23	+10 20
7245		+ 0 4106	178065	26314	.				19 2 3	+ 0 29	35 17	− 3 12
7246		−24 15041	178075	26329	.				19 2 8	−24 49	12 19	−14 26
7247		+76 712	178089	26183	.	11498			19 2 9	+76 54	108 30	+26 1
7248	18 AQL	+10 3787	178125	26315	4443.1	11569		Y AQL	19 2 16	+10 55	44 33	+ 1 38
7249		−19 5312	178175	26335	.	11585			19 2 24	−19 27	17 21	−12 15
7250		+24 3640	178187	26310	.	11567			19 2 28	+24 6	56 18	+ 7 41

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
7201	19 0 18	+ 3 16	+40 41	+ 8	6.60 R	.	M1	−0.003	−0.013	.	− 5	.	.		
7202	19 1 18	+ 4 4	+26 18	+ 9	5.51 R	.	B5V	−0.011	−0.012	+.007	− 14V	.	.		
7203	19 3 4	+ 5 53	−19 14	+ 9	6.03 H	.	gG6	+0.004	+0.005	.	− 20	3.5	8.2	3	D
7204	19 0 55	+ 3 41	+33 49	+ 9	6.01 R	.	gK0	+0.002	−0.001	.	− 28	.	.		
7205	19 3 7	+ 5 52	−19 5	+ 9	6.33 H	.	F5	+0.004	−0.016	.		.	.		
7206	19 1 35	+ 4 7	+25 2	+ 9	6.66 R	.	K2	−0.007	−0.003	.	− 21	.	.		
7207	19 1 50	+ 4 15	+22 17	+ 9	6.34 R	.	A3	+0.015	−0.011	.	− 38V?	.	.		
7208	19 2 22	+ 4 49	+ 8 23	+ 9	6.49 R	.	K2	+0.021	+0.020	.	− 9	.	.		
7209	19 2 55	+ 5 16	− 3 42	+ 9	5.55 H	.	A0	+0.018	+0.005	.	− 39	.	.		G
7210	19 0 14	+ 2 31	+50 32	+ 9	5.16 R	.	B3V	+0.018	−0.001	.	− 19	.	.		
7211	19 4 25	+ 6 25	−31 3	+ 9	5.53 H	.	A0IV	+0.010	−0.019	.	− 20	.	.		
7212	19 1 49	+ 3 42	+33 38	+ 9	6.23 R	.	B3	−0.008	−0.001	.	− 23	7.1	25.6		
7213	19 6 20	+ 7 55	−52 20	+ 9	5.15	+0.53	dF8	+0.027	−0.119	+.015	+ 2V	.	.		R
7214	19 3 32	+ 5 3	+ 1 49	+ 9	5.68 R	.	A2	+0.001	−0.069	.	− 20V	.	.		R
7215	19 1 27	+ 2 50	+46 57	+ 9	5.00	+0.18	A7	+0.013	−0.088	+.031	+ 8	5.5	43.7		*
7216	19 2 52	+ 4 21	+19 40	+ 9	6.08 R	.	K1III	−0.004	−0.008	.	− 7	.	.		
7217	19 4 40	+ 5 59	−21 44	+ 9	3.76	+1.02	gG8	+0.078	−0.062	+.038	+ 25	10.0	34.5		
7218	19 0 44	+ 1 59	+55 40	+ 9	5.37 R	.	gG3	−0.019	−0.009	.	+ 10	.	.		
7219	19 4 11	+ 5 0	+ 3 20	+ 9	6.47 R	.	A2	+0.003	+0.011	.	− 13	.	.		
7220	19 4 24	+ 5 20	− 5 41	+ 9	6.7 H	.	$C6_4$	+0.015	−0.006	.	+ 37	.	.		
7221	19 9 53	+ 10 36	−68 26	+ 9	5.32	+0.90	sgG9	+0.148	−0.057	+.023	− 10	.	.		
7222	19 3 43	+ 4 18	+21 16	+ 9	6.46 R	.	F2	+0.017	−0.024	.	+ 5	.	.		
7223	19 6 55	+ 7 32	−48 18	+ 9	6.10 H	.	A0	+0.012	−0.016	.		.	.		
7224	18 58 53	− 0 37	+69 31	+ 8	6.35 R	−0.15	B9	+0.019	−0.042	.		.	.		
7225	19 4 58	+ 5 17	− 4 2	+ 9	5.53 H	.	gK1	+0.015	−0.029	−.002	− 18	1.5	38.1		D
7226	19 6 25	+ 6 45	−37 3	+ 9	5.01 H	.	F8V	+0.091	−0.276	+.048	− 52	.0	2.5		D
7227	19 6 25	+ 6 45	−37 3	+ 9	5.01 H	.	F8V	+0.091	−0.276	.064D	− 52	.0	2.5		D
7228	21 8 14	+128 30	−88 57	+18	5.46	+0.27	F0	+0.027	−0.004	.	+ 12	.	.		
7229	19 2 7	+ 2 21	+52 16	+ 9	6.28 R	.	gG8	−0.012	−0.030	.013D	+ 4	2.7	5.4	3	D
7230	19 5 42	+ 5 44	−15 40	+ 9	5.90 H	.	A0si	−0.006	−0.007	.	− 26V?	.	.		6
7231	19 5 19	+ 5 11	− 1 31	+ 9	6.45 H	.	F0	−0.007	−0.008	.		.	.		
7232	19 6 53	+ 6 46	−37 48	+ 9	6.16	+0.71	G5IV	−0.189	−0.353	+.056	+ 58	.	.		
7233	19 8 52	+ 8 16	−55 43	+ 9	6.50 H	.	gK1	+0.030	−0.112	.	− 21	.	.		
7234	19 6 56	+ 6 14	−27 40	+ 9	3.32	+1.18	K1III	−0.054	−0.255	+.038	+ 45V	.	.		6
7235	19 5 25	+ 4 36	+13 52	+ 9	2.99	+0.00	A0V?nn	−0.009	−0.101	+.036	− 26V	9.0	5.6		2
7236	19 6 15	+ 5 18	− 4 53	+ 9	3.44	−0.10	B9?V?n	−0.025	−0.089	+.025	− 14	.	.		
7237	19 4 58	+ 3 49	+31 45	+ 9	5.54	+1.54	M0III	+0.070	−0.071	+.014	+ 6	.	.		
7238	19 4 58	+ 3 51	+30 44	+ 9	6.21 R	.	gM2	+0.025	−0.025	.	− 16V?	.	.		
7239	19 6 52	+ 5 45	−16 14	+ 9	5.93 H	−0.04	B8	+0.017	+0.002	.		4.0	7.1		2
7240	19 7 31	+ 6 18	−28 38	+ 9	6.19 H	.	K2	+0.005	−0.014	.		.	.		
7241	19 7 8	+ 5 51	−18 45	+ 9	6.37 H	−0.04	B8	+0.016	−0.005	.		.	.		
7242	19 8 20	+ 6 57	−40 30	+ 9	4.58	+1.09	gK1	+0.033	−0.027	+.007	+ 20	.	.		
7243	19 6 22	+ 4 49	+ 8 14	+ 9	5.5 H	.	gM7e	+0.000	−0.072	.	+ 32	.	.		*
7244	19 5 47	+ 3 54	+29 55	+ 9	6.45 R	.	gM0	−0.010	−0.012	.	− 28	.	.		
7245	19 7 9	+ 5 6	+ 0 38	+ 9	6.39 R	+0.06	B9	−0.001	+0.007	.		.	.		
7246	19 8 15	+ 6 7	−24 40	+ 9	6.24 H	+0.04	B9	+0.015	+0.001	.		.	.		
7247	18 57 57	− 4 12	+77 3	+ 9	6.44 R	.	F0	−0.042	−0.062	.	− 27	.	.		
7248	19 6 58	+ 4 42	+11 4	+ 9	5.16 R	−0.09	B7V	−0.006	−0.031	+.015	− 19V	.	.		R
7249	19 8 16	+ 5 52	−19 18	+ 9	5.54	−0.10	B2Ve?	+0.003	+0.007	.	− 20	.	.		6
7250	19 6 38	+ 4 10	+24 15	+ 9	5.71 R	.	A3	+0.050	+0.012	.	− 22	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
7251	51 DRA	+53 2178	178207	26290	4448.	11557			19 2 40	+53 15	83 46	+19 34
7252		+49 2929	178208	26294	.	11560	12034		19 2 35	+49 46	80 19	+18 20
7253		+28 3193	178233	26317	4449.	11571			19 2 40	+28 28	60 16	+ 9 36
7254	α CRA	−38 13350	178253	26360	4450.	11599			19 2 40	−38 4	359 32	−19 35
7255		−40 13074	178254	26365	.				19 2 45	−39 59	357 37	−20 15
7256		−36 13355	178299	26368	.				19 2 55	−36 19	1 17	−19 1
7257		−42 13933	178322	26375	.	11604			19 2 55	−42 3	355 33	−20 58
7258		+41 3232	178329	26318	.	11572			19 3 3	+41 16	72 10	+14 59
7259	β CRA	−39 13146	178345	26380	4455.	11608			19 3 9	−39 30	358 8	−20 10
7260		+16 3752	178428	26347	4456.	11593			19 3 28	+16 42	49 48	+ 4 4
7261	17 LYR	+32 3326	178449	26340	4458.	11589	12061		19 3 39	+32 21	63 55	+11 7
7262	18 ι LYR	+35 3485	178475	26338	.	11587			19 3 44	+35 57	67 14	+12 39
7263		+21 3672	178476	26355	4460.1	11595			19 3 46	+21 32	54 8	+ 6 15
7264	41 π SGR	−21 5275	178524	26386	4462.	11611			19 3 49	−21 11	15 53	−13 17
7265		−20 5415	178555	26389	.		12096		19 3 54	−19 58	17 1	−12 47
7266	19 AQL	+ 5 4040	178596	26379	4463.	11607			19 4 6	+ 5 55	40 20	− 1 6
7267		+16 3758	178619	26374	4464.	11603			19 4 12	+16 42	49 53	+ 3 55
7268		−39 13156	178628	26405	.	11626			19 4 11	−39 10	358 33	−20 14
7269		− 0 3662	178744	26400	.				19 4 43	− 0 36	34 38	− 4 17
7270		−29 15804	178840	26411	.				19 4 59	−29 40	7 57	−16 57
7271		−50 12377	178845	26431	.				19 5 3	−50 39	346 46	−23 51
7272		+34 3439	178911	26396	4466.1	11621	12101		19 5 25	+34 26	65 59	+11 41
7273		−37 13090	178937	26426	.				19 5 24	−37 45	0 3	−19 59
7274	τ PAV	−69 2962	179009	26487	.				19 5 45	−69 22	326 22	−27 26
7275		+52 2350	179094	26397	4467.	11622			19 6 6	+52 16	82 59	+18 44
7276		−21 5292	179201	26445	.	11644			19 6 30	−21 49	15 33	−14 7
7277		−26 13936	179323	26463	.	11657			19 7 4	−26 4	11 36	−15 58
7278		−66 3417	179366	26512	.	11690	I		19 7 9	−66 50	329 13	−27 16
7279	20 AQL	− 8 4887	179406	26461	.	11653		VAR?	19 7 15	− 8 6	28 14	− 8 18
7280		+26 3474	179422	26446	.	11645			19 7 27	+26 34	59 2	+ 7 48
7281		−45 13054	179433	26485	4473.				19 7 23	−45 22	352 25	−22 45
7282		−12 5311	179497	26469	.	11663		VAR?	19 7 40	−12 27	24 20	−10 20
7283	19 LYR	+31 3497	179527	26459	.	11651			19 7 56	+31 7	63 12	+ 9 45
7284		+40 3620	179583	26454	.	11650			19 8 4	+40 16	71 38	+13 42
7285		+16 3775	179588	26467	4476.	11662	12160		19 8 5	+16 41	50 18	+ 3 5
7286		+21 3690	179648	26470	.	11664			19 8 19	+21 23	54 30	+ 5 14
7287	21 AQL	+ 2 3824	179761	26490	4478.	11678	12182		19 8 40	+ 2 7	37 31	− 3 54
7288		+ 5 4081	179791	26494	.	11680		VAR?	19 8 49	+ 5 21	40 23	− 2 25
7289		−45 13072	179886	26526	4479.	11698			19 9 5	−45 38	352 14	−23 7
7290	55 DRA	+65 1326	179933	26449	.	11648			19 9 23	+65 49	96 49	+22 48
7291		−24 15161	179949	26518	.				19 9 28	−24 21	13 27	−15 46
7292	42 ψ SGR	−25 13866	179950	26516	4481.	11693	12214		19 9 25	−25 26	12 25	−16 12
7293		+49 2959	179957	26476	.	11669	12169B		19 9 30	+49 40	80 40	+17 16
7294		+49 2959	179958	26477	4483.	11670	12169A		19 9 30	+49 40	80 40	+17 16
7295	53 DRA	+56 2209	180006	26475	4484.	11667		VAR?	19 9 47	+56 41	87 33	+19 49
7296	RY SGR	−33 14076	180093	26544	.			RY SGR	19 10 1	−33 42	4 26	−19 26
7297		−53 9513	180134	26573	.				19 10 11	−53 34	343 52	−25 19
7298	20 η LYR	+38 3490	180163	26507	4486.	11687	12197	VAR?	19 10 21	+38 58	70 37	+12 45
7299		+19 3956	180242	26530	.	11701			19 10 42	+20 2	53 34	+ 4 7
7300		+14 3846	180262	26539	.	11706			19 10 47	+14 55	49 3	+ 1 41

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		′ ″		
7251	19 4 55	+ 2 15	+53 24	+ 9	5.32 R	.	A0	−0.007	+0.021	+.020	− 24V	.	.		6
7252	19 5 10	+ 2 35	+49 55	+ 9	6.39 R	.	gK5	−0.009	+0.010	.	+ 8	5.3	12.3		
7253	19 6 38	+ 3 58	+28 37	+ 9	5.42 R	.	A5	+0.074	+0.083	+.023	− 19V	.	.		6
7254	19 9 28	+ 6 48	−37 55	+ 9	4.10	+0.04	A2	+0.087	−0.102	+.029	− 18	.	.		
7255	19 9 39	+ 6 54	−39 50	+ 9	6.42 H	.	gK1	−0.005	−0.050	.		.	.		
7256	19 9 36	+ 6 41	−36 9	+10	6.58 H	.	B9	−0.018	−0.013	.		.	.		
7257	19 9 58	+ 7 3	−41 53	+10	5.87	−0.10	B5V	+0.007	−0.021	.	+ 16V	.	.		R
7258	19 6 17	+ 3 14	+41 25	+ 9	6.21 R	.	B3	−0.003	−0.009	.	− 21V	.	.		R
7259	19 10 2	+ 6 53	−39 20	+10	4.10	+1.20	gG3	−0.001	−0.039	+.008	+ 3	.	.		
7260	19 7 57	+ 4 29	+16 51	+ 9	6.06	+0.72	dG4	+0.053	−0.310	+.059	+ 14V	.	.		R
7261	19 7 26	+ 3 47	+32 30	+ 9	5.00 R	.	dA7	+0.124	+0.019	+.007	+ 4	3.3	128.1	9	D
7262	19 7 18	+ 3 34	+36 6	+ 9	5.17 R	−0.11	B7IV	−0.007	−0.007	.	− 18	.	.		
7263	19 8 3	+ 4 17	+21 42	+10	6.10 R	.	dF3	+0.046	+0.071	+.011	− 40	.	.		G
7264	19 9 46	+ 5 57	−21 1	+10	2.90	+0.36	F2II-III	−0.001	−0.040	+.016	− 10	.0	.1	3	D
7265	19 9 48	+ 5 54	−19 49	+ 9	6.33 H	.	K0	+0.017	−0.081	.004D		.6	.1		D
7266	19 9 0	+ 4 54	+ 6 4	+ 9	5.29 R	.	dF2	−0.015	−0.078	+.029	− 47V?	.	.		
7267	19 8 40	+ 4 28	+16 51	+ 9	6.37 R	.	dF2	−0.032	−0.099	+.039	+ 10V	.	.		*
7268	19 11 2	+ 6 51	−39 0	+10	6.24 H	.	A p	−0.015	−0.019	.	− 1V	.	.		6
7269	19 9 51	+ 5 8	− 0 26	+10	6.39 H	−0.04	B8	+0.001	−0.007	.		.	.		
7270	19 11 19	+ 6 20	−29 30	+10	6.25 H	.	B9	+0.029	−0.022	.		.	.		
7271	19 12 46	+ 7 43	−50 29	+10	6.12	+0.95	gG9	+0.037	−0.044	.		.	.		
7272	19 9 5	+ 3 40	+34 36	+10	6.43BR	.	dG1	+0.049	+0.191	+.026	− 41	1.3	17.3		D
7273	19 12 10	+ 6 46	−37 35	+10	6.56	+1.02	gG2	+0.006	+0.006	.		.	.		
7274	19 16 29	+ 10 44	−69 12	+10	6.26	+0.17	A m?	+0.004	−0.027	.		.	.		
7275	19 8 26	+ 2 20	+52 26	+10	5.80 R	.	K1IV	−0.104	−0.062	+.004	+ 4	.	.		R
7276	19 12 28	+ 5 58	−21 39	+10	6.42 H	.	gG8	+0.025	−0.014	.	− 5V	.	.		6
7277	19 13 13	+ 6 9	−25 54	+10	5.86 H	.	cK0	−0.007	−0.010	.	+ 1	.	.		
7278	19 17 12	+ 10 3	−66 40	+10	5.52	+0.18	A2	+0.009	−0.020	.	+ 12	.8	.8		2
7279	19 12 40	+ 5 25	− 7 56	+10	5.37 H	.	B3IV	+0.010	−0.010	.	− 15	.	.		
7280	19 11 30	+ 4 3	+26 44	+10	6.25 R	.	F5	+0.019	−0.037	.	− 27	.	.		
7281	19 14 39	+ 7 16	−45 12	+10	5.98 H	.	gG9	+0.056	−0.038	+.016		.	.		
7282	19 13 15	+ 5 35	−12 17	+10	5.62 H	.	gK4	+0.010	−0.026	.	− 18	.	.		
7283	19 11 46	+ 3 50	+31 17	+10	5.74 R	−0.06	A0si	−0.013	−0.003	.	− 30	.	.		
7284	19 11 23	+ 3 19	+40 26	+10	6.06 R	.	A0	−0.006	−0.025	.	+ 6	.	.		
7285	19 12 34	+ 4 29	+16 51	+10	6.42 R	−0.02	B8V	−0.011	−0.018	+.006	− 18	.8	120.8	5	D
7286	19 12 36	+ 4 17	+21 33	+10	5.87 R	+0.02	A2V	+0.000	−0.005	.	− 6	.	.		
7287	19 13 42	+ 5 2	+ 2 17	+10	5.12	−0.07	B8p	+0.006	+0.000	+.005	− 5	7.2	36.3		
7288	19 13 44	+ 4 55	+ 5 31	+10	6.32 R	.	A2	+0.012	−0.008	.	+ 14	.	.		
7289	19 16 22	+ 7 17	−45 28	+10	5.32 H	.	gK2	−0.005	+0.001	+.004	+ 6	.	.		
7290	19 9 45	+ 0 22	+65 59	+10	6.13 R	.	A2	−0.001	+0.033	.	− 22	.	.		
7291	19 15 33	+ 6 5	−24 11	+10	6.22 H	.	dF9	+0.114	−0.098	.	− 26	.	.		
7292	19 15 33	+ 6 8	−25 16	+10	4.86	+0.58	dF5	+0.043	−0.030	−.001	− 34V	.5	.2		*
7293	19 12 5	+ 2 35	+49 51	+11	6.75	+0.64	G4V	−0.190	+0.634	.	− 41	.5	10.5	4	D
7294	19 12 5	+ 2 35	+49 51	+11	6.57	+0.65	G4V	−0.210	+0.632	+.041	− 38	.5	10.5	4	D
7295	19 11 40	+ 1 53	+56 51	+10	5.12 R	.	G8III	+0.036	+0.044	+.010	− 16	.	.		
7296	19 16 33	+ 6 32	−33 31	+11	6.1 H	.	F p	+0.007	+0.021	.		.	.		
7297	19 18 9	+ 7 58	−53 23	+11	6.42 H	.	dF7	−0.014	−0.067	.	− 24	.	.		
7298	19 13 45	+ 3 24	+39 8	+10	4.45 R	.	B2IV	−0.001	+0.000	−.001	− 8	4.1	28.3		D
7299	19 15 3	+ 4 21	+20 12	+10	6.04 R	.	gK0	−0.017	−0.003	.	+ 7	.	.		
7300	19 15 20	+ 4 33	+15 5	+10	5.52BR	.	G5IIp	−0.003	−0.014	.	− 25	2.1	90.		D

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
7301	1 SGE	+20 4088	180317	26542	.	11707			19 10 59	+21 3	54 29	+ 4 32
7302		+30 3491	180450	26550	.	11711			19 11 32	+30 21	62 51	+ 8 43
7303	22 AQL	+ 4 4045	180482	26567	4489.	11723			19 11 34	+ 4 39	40 6	− 3 21
7304	43 SGR	−19 5379	180540	26589	4490.	11742			19 11 47	−19 8	18 36	−14 7
7305		+27 3313	180553	26560	.		12239		19 11 55	+27 17	60 8	+ 7 15
7306	1 VUL	+21 3713	180554	26569	4491.	11724	12243	VAR?	19 11 55	+21 13	54 44	+ 4 25
7307		+14 3852	180555	26572	4492.	11727	12248		19 11 52	+14 22	48 41	+ 1 12
7308		+27 3314	180583	26562	.	11719			19 11 59	+27 45	60 34	+ 7 27
7309	54 DRA	+57 1968	180610	26537	4493.	11705			19 12 8	+57 32	88 31	+19 49
7310	57 δ DRA	+67 1129	180711	26520	4495.	11694			19 12 32	+67 29	98 39	+23 0
7311		+49 2968	180756	26565	.	11721	12240		19 12 43	+49 54	81 6	+16 53
7312	59 DRA	+76 717	180777	26484	4497.	11674			19 12 50	+76 24	108 5	+25 19
7313		+ 1 3960	180782	26599	.	11746			19 12 45	+ 1 52	37 46	− 4 55
7314	21 θ LYR	+37 3398	180809	26585	4498.	11738			19 12 54	+37 57	69 54	+11 52
7315	25 ω AQL	+11 3790	180868	26609	4501.	11748			19 13 7	+11 25	46 14	+ 0 29
7316		−35 13393	180885	26631	.	11766			19 13 2	−35 36	2 46	−20 41
7317		−15 5310	180928	26626	4503.	11761			19 13 18	−15 43	21 57	−11 0
7318	2 VUL	+22 3648	180968	26613	.	11751	12287	ES VUL	19 13 30	+22 51	56 22	+ 4 52
7319	23 AQL	+ 0 4168	180972	26623	4506.	11757	12289	VAR?	19 13 27	+ 0 54	37 0	− 5 31
7320		−68 3218	181019	26698	.				19 13 40	−68 34	327 21	−28 3
7321	24 AQL	+ 0 4170	181053	26629	4510.	11764			19 13 44	+ 0 9	36 22	− 5 56
7322		+46 2658	181096	26604	4511.	11747			19 13 59	+46 49	78 15	+15 27
7323		−32 15071	181109	26648	.				19 14 0	−32 0	6 26	−19 37
7324		+30 3502	181119	26625	.	11758			19 14 9	+30 50	63 33	+ 8 26
7325		+ 9 4057	181122	26636	.	11771			19 14 7	+ 9 26	44 37	− 1 38
7326	U SGE	+19 3975	181182	26639	.	11775		U SGE	19 14 26	+19 26	53 27	+ 3 3
7327		−22 5063	181240	26664	.				19 14 39	−22 35	15 38	−16 9
7328	1 κ CYG	+53 2216	181276	26621	4513.	11756			19 14 48	+53 11	84 24	+17 51
7329	η TEL	−54 9339	181296	26696	4514.	11809			19 14 47	−54 37	342 54	−26 12
7330		−35 13422	181321	26679	.				19 14 53	−35 10	3 20	−20 53
7331	28 AQL	+12 3879	181333	26654	4515.	11786			19 14 59	+12 11	47 8	+ 0 31
7332	29 AQL	+11 3802	181383	26660	4517.	11789			19 15 11	+11 21	46 25	+ 0 57
7333	26 AQL	− 5 4936	181391	26669	4519.	11794			19 15 13	− 5 36	31 24	− 8 55
7334		−42 14133	181401	26687	.				19 15 9	−42 12	356 9	−23 10
7335		+33 3409	181409	26647	.	11781			19 15 19	+33 13	65 48	+ 9 19
7336	27 AQL	− 1 3716	181440	26673	4522.	11799			19 15 26	− 1 5	35 28	− 6 53
7337	β^1 SGR	−44 13277	181454	26703	.	11812	IA		19 15 27	−44 39	353 36	−23 55
7338		+37 3413	181470	26650	.	11783			19 15 30	+37 16	69 30	+11 6
7339		−19 5412	181558	26689	.				19 15 46	−19 25	18 45	−15 6
7340	44 ρ^1 SGR	−18 5322	181577	26694	4525.	11807			19 15 52	−18 2	20 3	−14 32
7341		+49 2977	181597	26652	4527.	11784			19 15 59	+49 23	80 49	+16 11
7342	46 υ SGR	−16 5283	181615	26697	.	11810		υ SGR	19 16 0	−16 9	21 50	−13 46
7343	β^2 SGR	−45 13171	181623	26718	4528.	11819			19 16 0	−44 59	353 17	−24 6
7344	45 ρ^2 SGR	−18 5325	181645	26700	.	11811			19 16 1	−18 30	19 38	−14 46
7345		+37 3417	181655	26670	4528.1	11795			19 16 8	+37 9	69 27	+10 56
7346		+34 3503	181828	26690	.				19 16 54	+35 0	67 34	+ 9 50
7347		− 8 4950	181858	26720	.	11820			19 16 55	− 8 23	29 4	−10 34
7348	α SGR	−40 13245	181869	26737	.	11828			19 16 58	−40 48	357 43	−23 5
7349		− 0 3725	181907	26723	.	11821			19 17 13	− 0 27	36 14	− 6 59
7350		−43 13352	181925	26747	.				19 17 13	−43 55	354 28	−24 1

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
7301	19 15 18	+ 4 19	+21 13	+10	5.55 R	.	A1	+0.034	+0.009	.	− 23	.	.		
7302	19 15 25	+ 3 53	+30 31	+10	5.86 R	.	gM0	+0.023	−0.026	.	− 63	.	.		
7303	19 16 31	+ 4 57	+ 4 50	+11	5.38 R	.	A2	+0.010	−0.018	+.013	− 22	.	.		6
7304	19 17 38	+ 5 51	−18 57	+11	5.03 H	.	G8II	−0.013	−0.018	+.001	+ 15	.	.		
7305	19 15 57	+ 4 2	+27 28	+11	6.25 R	−0.09	B5III	+0.003	−0.019	.002D		.1	1.1	3	D
7306	19 16 13	+ 4 18	+21 24	+11	4.59 R	−0.06	B3IV	−0.010	−0.005	+.016	− 17V?	7.0	39.2	3	
7307	19 16 27	+ 4 35	+14 33	+11	5.46 R	−0.04	B9V	+0.006	+0.006	+.019	− 19	3.0	8.4		D
7308	19 15 59	+ 4 0	+27 56	+11	5.93 R	.	F6I-IIb	−0.004	+0.021	.	− 16	.	.		
7309	19 13 55	+ 1 47	+57 42	+10	5.12 R	.	K2III	−0.014	−0.072	+.024	− 27	.	.		
7310	19 12 33	+ 0 1	+67 40	+11	3.10 R	.	G9III	+0.094	+0.090	+.028	+ 25	.	.		
7311	19 15 19	+ 2 36	+50 5	+11	6.33 R	.	gG6	+0.000	−0.007	.	+ 6	3.8	2.4		3
7312	19 9 9	− 3 41	+76 34	+10	5.12	+0.30	F2V	+0.047	−0.121	+.046	− 4	.	.		G
7313	19 17 48	+ 5 3	+ 2 3	+11	6.03 R	.	A0	−0.009	−0.032	.	− 27V?	.	.		
7314	19 16 22	+ 3 28	+38 8	+11	4.35 R	.	K0II	−0.005	+0.000	−.006	− 31	.	.		
7315	19 17 49	+ 4 42	+11 36	+11	5.06 R	.	A3	−0.001	+0.012	+.009	− 14	.	.		
7316	19 19 39	+ 6 37	−35 25	+11	5.61 H	.	B4IV	−0.012	−0.006	.	− 10V	.	.		
7317	19 19 0	+ 5 42	−15 33	+10	6.28 H	.	gK4	−0.097	−0.268	+.033	− 18	.	.		
7318	19 17 44	+ 4 14	+23 2	+11	5.30 R	.	B0.5IV	−0.004	−0.008	.007D	+ 1	3.8	2.1		D
7319	19 18 32	+ 5 5	+ 1 5	+11	5.15 R	.	K2II-III	+0.006	+0.017	+.003	− 24	4.0	3.5	3	D
7320	19 24 6	+ 10 26	−68 23	+11	6.33	+1.23	K0	−0.023	−0.006	.		.	.		
7321	19 18 51	+ 5 7	+ 0 20	+11	6.34 R	.	gG9	+0.007	+0.010	+.010	− 29	.	.		
7322	19 16 51	+ 2 52	+47 0	+11	5.95 R	.	dF3	−0.016	+0.288	+.016	− 44	.	.		
7323	19 20 26	+ 6 26	−31 49	+11	6.58	+1.67	gM0	−0.008	+0.001	.		.	.		
7324	19 18 1	+ 3 52	+31 1	+11	6.43 R	+0.07	A3V	−0.009	+0.017	.	− 25	.	.		
7325	19 18 53	+ 4 46	+ 9 37	+11	6.21 R	.	G9III	−0.003	−0.040	.	− 12	.	.		
7326	19 18 49	+ 4 23	+19 37	+11	6.5 H	.	B7III+K1III	+0.017	−0.001	.	− 17V	.	.		R
7327	19 20 38	+ 5 59	−22 24	+11	5.55 H	.	cA8	−0.017	+0.033	.		.	.		
7328	19 17 7	+ 2 19	+53 22	+11	3.84 R	.	K0III	+0.057	+0.122	+.023	− 29V?	.	.		
7329	19 22 51	+ 8 4	−54 26	+11	5.04	+0.01	A0	+0.015	−0.074	+.012	+ 12	.	.		
7330	19 21 30	+ 6 37	−34 59	+11	6.47	+0.63	dG2	+0.102	−0.100	.	− 10	.	.		
7331	19 19 39	+ 4 40	+12 22	+11	5.34 R	.	F0	+0.003	+0.018	+.002	+ 3	.	.		
7332	19 19 53	+ 4 42	+11 32	+11	5.99 R	+0.07	A3V	+0.037	+0.024	+.001	− 22	.	.		
7333	19 20 33	+ 5 20	− 5 25	+11	5.10 H	.	G8III-IV	+0.110	+0.047	+.027	− 19V	.	.		6
7334	19 22 10	+ 7 1	−42 1	+11	6.33	+1.14	K0	−0.053	−0.035	.		.	.		
7335	19 19 3	+ 3 44	+33 24	+11	6.32 R	.	B3	−0.016	−0.036	.	+ 10V	.	.		
7336	19 20 36	+ 5 10	− 0 54	+11	5.46 H	−0.06	B9	+0.001	+0.005	+.005	− 27V	.	.		6
7337	19 22 38	+ 7 11	−44 28	+11	3.92	−0.09	B8V	+0.002	−0.022	.	− 9	2.9	29.1		D
7338	19 19 1	+ 3 31	+37 27	+11	6.16 R	−0.04	A0III	+0.010	+0.015	.	− 14V	.	.		R
7339	19 21 37	+ 5 51	−19 14	+11	6.38 H	−0.10	B8	+0.004	−0.002	.		.	.		
7340	19 21 40	+ 5 48	−17 51	+11	3.94	+0.23	F0IV	−0.027	+0.023	+.035	+ 1	.	.		
7341	19 18 39	+ 2 40	+49 34	+11	6.09 R	.	K1III	+0.006	+0.050	+.002	− 14	.	.		R
7342	19 21 44	+ 5 44	−15 58	+11	4.58 H	.	A pep	−0.003	−0.002	.	+ 9V	.	.		R
7343	19 23 13	+ 7 13	−44 48	+11	4.28	+0.35	dF1	+0.092	−0.057	+.022	+ 22	.	.		
7344	19 21 51	+ 5 50	−18 19	+11	6.02 H	.	gG9	+0.098	−0.093	.	− 13V?	.	.		
7345	19 19 39	+ 3 31	+37 20	+11	6.24 R	.	G8V	−0.072	−0.189	+.042	+ 2	.	.		
7346	19 20 33	+ 3 39	+35 11	+11	6.28 R	−0.10	B7III	+0.006	+0.008	.		.	.		
7347	19 22 21	+ 5 26	− 8 12	+11	6.49 H	.	B5s	−0.019	−0.025	.	− 14	.	.		
7348	19 23 54	+ 6 56	−40 37	+11	3.96	−0.11	B9III	+0.030	−0.120	.	+ 0V	.	.		6
7349	19 22 21	+ 5 8	− 0 16	+11	5.95 H	.	gG8	+0.048	−0.028	.	− 11	.	.		
7350	19 24 21	+ 7 8	−43 44	+11	6.08 H	.	gK6	+0.021	−0.040	.		.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
7351		+54 2123	181960	26682	.	11803			19 17 24	+54 11	85 31	+17 53
7352	60 τ DRA	+73 857	181984	26638	4533.	11774		VAR?	19 17 29	+73 10	104 44	+24 12
7353		− 7 4942	182038	26731	.				19 17 40	− 7 35	29 53	−10 22
7354		+ 9 4081	182101	26736	.	11827			19 18 3	+ 9 43	45 19	− 2 21
7355		−28 15767	182180	26766	.	11840			19 18 16	−28 4	10 40	−19 2
7356		+57 1986	182190	26708	.	11813			19 18 26	+57 27	88 46	+18 59
7357		+14 3896	182239	26749	.	11834			19 18 34	+14 44	49 47	+ 0 3
7358	3 VUL	+25 3811	182255	26748	.	11833		VAR?	19 18 45	+26 4	59 46	+ 5 19
7359		+33 3434	182272	26743	.	11831			19 18 49	+33 19	66 14	+ 8 42
7360		−29 16104	182286	26777	.		12400		19 18 46	−29 30	9 18	−19 40
7361		+64 1344	182308	26709	.				19 19 0	+64 13	95 32	+21 20
7362	47 χ^1 SGR	−24 15303	182369	26789	4538.	11853	F		19 19 11	−24 42	14 2	−17 56
7363	49 χ^3 SGR	−24 15307	182416	26801	.	11858		VAR?	19 19 27	−24 9	14 35	−17 47
7364		+19 4000	182422	26770	.	11844			19 19 26	+20 4	54 34	+ 2 19
7365		+57 1993	182440	26739	.	11830			19 19 36	+57 34	88 57	+18 53
7366		− 5 4964	182475	26798	.				19 19 43	− 5 5	32 23	− 9 41
7367		−14 5428	182477	26805	.	11860			19 19 43	−14 6	24 8	−13 42
7368		+32 3411	182488	26774	4539.	11846			19 19 48	+33 1	66 4	+ 8 23
7369	2 SGE	+16 3839	182490	26784	.	11850			19 19 53	+16 45	51 42	+ 0 38
7370		−54 9371	182509	26834	.		I		19 19 46	−54 31	343 10	−26 53
7371	58 π DRA	+65 1345	182564	26735	4540.	11826			19 20 9	+65 31	96 53	+21 39
7372	2 CYG	+29 3584	182568	26785	.	11852			19 20 11	+29 26	62 54	+ 6 38
7373	31 AQL	+11 3833	182572	26809	4541.	11861		VAR?	19 20 12	+11 44	47 21	− 1 51
7374		+27 3379	182618	26797	.				19 20 22	+27 53	61 33	+ 5 52
7375	50 SGR	−22 5105	182629	26823	.	11867			19 20 21	−21 58	16 46	−17 7
7376		+36 3539	182635	26792	.	11854			19 20 31	+36 15	69 2	+ 9 45
7377	30 δ AQL	+ 2 3879	182640	26816	4542.	11863		VAR?	19 20 27	+ 2 55	39 37	− 6 7
7378		−15 5348	182645	26824	.	11868			19 20 30	−15 15	23 9	−14 22
7379		−14 5435	182678	26831	.				19 20 44	−14 45	23 38	−14 12
7380		−29 16140	182681	26833	.	11872			19 20 37	−29 56	9 1	−20 12
7381		+49 2994	182691	26782	.	11848			19 20 46	+50 5	81 49	+15 46
7382		+43 3229	182694	26794	.	11855			19 20 47	+43 12	75 24	+12 49
7383		−68 3251	182709	26891	.				19 20 47	−68 38	327 19	−28 43
7384		+19 4009	182761	26819	.	11864			19 21 0	+20 5	54 45	+ 2 1
7385	4 VUL	+19 4010	182762	26821	4544.	11866	12425		19 21 5	+19 36	54 20	+ 1 46
7386		+24 3737	182807	26825	4545.	11869			19 21 17	+24 44	58 52	+ 4 11
7387	32 ν AQL	+ 0 4206	182835	26838	4546.	11874			19 21 24	+ 0 8	37 15	− 7 38
7388		−55 9096	182893	26883	.				19 21 44	−55 38	341 59	−27 22
7389		+12 3907	182900	26840	4548.	11876			19 21 45	+12 49	48 29	− 1 39
7390	5 VUL	+19 4015	182919	26839	.	11875			19 21 51	+19 54	54 41	+ 1 45
7391		+19 4017	182955	26844	.	11878	12445		19 22 6	+19 42	54 33	+ 1 36
7392		−43 13395	183007	26885	4551.				19 22 17	−43 39	355 2	−24 50
7393		−55 9100	183028	26902	.				19 22 28	−55 19	342 21	−27 25
7394	λ UMI	+88 112	183030	25111	.	10869			19 22 29	+88 59	121 56	+27 30
7395	4 CYG	+36 3557	183056	26846	4553.	11879			19 22 33	+36 7	69 7	+ 9 19
7396		+13 4020	183144	26875	.	11890		VAR?	19 22 58	+14 5	49 44	− 1 18
7397		+ 2 3892	183227	26884	.				19 23 20	+ 2 43	39 47	− 6 51
7398		−27 14004	183275	26911	4555.		12506		19 23 41	−27 11	12 0	−19 49
7399		−32 15233	183312	26918	.				19 23 48	−32 18	6 54	−21 40
7400	35 AQL	+ 1 4010	183324	26900	.	11908			19 23 58	+ 1 45	39 0	− 7 26

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
7351	19 19 36	+ 2 12	+54 22	+11	6.19 R	.	A0	+0.014	−0.028	.	− 6	.	.		
7352	19 15 33	− 1 56	+73 21	+11	4.49 R	.	K3III	−0.142	+0.110	+.013	− 30V	.	.		6
7353	19 23 4	+ 5 24	− 7 24	+11	6.39 H	.	K0	+0.036	−0.008	.		.	.		
7354	19 22 49	+ 4 46	+ 9 55	+12	6.15 R	.	F6V	+0.009	+0.094	.	− 20	.	.		
7355	19 24 30	+ 6 14	−27 52	+12	5.94 H	.	B5IV	+0.001	−0.005	.	V	.	.		
7356	19 20 16	+ 1 50	+57 38	+11	5.93 R	.	gM1	+0.020	+0.009	.	− 21	.	.		
7357	19 23 8	+ 4 34	+14 56	+12	6.48 R	.	A3	−0.032	−0.012	.	+ 9	.	.		
7358	19 22 51	+ 4 6	+26 16	+12	4.89 R	−0.13	B6III	−0.005	−0.011	.	− 12	.	.		
7359	19 22 34	+ 3 45	+33 30	+11	6.12 R	.	K0III	+0.003	−0.036	.	− 16	.	.		
7360	19 25 4	+ 6 18	−29 18	+12	6.09 H	.	K0	−0.001	−0.055	.		4.0	14.8		1
7361	19 19 46	+ 0 46	+64 24	+11	6.31 R	−0.04	B9	−0.004	+0.010	.		.	.		
7362	19 25 16	+ 6 5	−24 30	+12	5.02	+0.24	dA5	+0.052	−0.058	+.028	− 42	.0	.1		G
7363	19 25 30	+ 6 3	−23 57	+12	5.56 H	.	gK4	−0.016	−0.007	.	+ 40	.	.		
7364	19 23 47	+ 4 21	+20 16	+12	6.42	−0.01	B8V	−0.013	+0.005	.	− 27	.	.		
7365	19 21 25	+ 1 49	+57 46	+12	6.50 R	.	K2	+0.018	+0.040	.	+ 7	.	.		
7366	19 25 2	+ 5 19	− 4 53	+12	6.46 H	.	F0	+0.049	+0.013	.		.	.		
7367	19 25 22	+ 5 39	−13 54	+12	5.81 H	.	gK3	+0.071	+0.052	.	− 34	.	.		
7368	19 23 34	+ 3 46	+33 13	+12	6.38	+0.80	K0V	+0.080	+0.164	+.057	− 21	.	.		
7369	19 24 22	+ 4 29	+16 57	+12	5.96 R	+0.05	A m	−0.009	−0.014	.	+ 12V	.	.		R
7370	19 27 48	+ 8 2	−54 19	+12	5.56 H	.	K2	+0.002	+0.006	.	− 5	1.3	69.4		1
7371	19 20 40	+ 0 31	+65 43	+12	4.65 R	.	A2IV	+0.013	+0.041	+.014	− 29	.	.		
7372	19 24 8	+ 3 57	+29 38	+12	4.84 R	.	B3IV	+0.012	+0.010	.	− 21	.	.		
7373	19 24 58	+ 4 46	+11 57	+13	5.17	+0.78	G8IV	+0.719	+0.636	+.059	−100	.	.		G
7374	19 24 23	+ 4 1	+28 5	+12	6.35 R	−0.10	B3V	−0.025	+0.002	.		.	.		
7375	19 26 19	+ 5 58	−21 46	+12	5.58	+1.22	gK3	+0.032	−0.002	.	− 20	.	.		
7376	19 24 6	+ 3 35	+36 27	+12	6.32 R	.	K1III	+0.006	+0.074	.	− 33	.	.		
7377	19 25 29	+ 5 2	+ 3 7	+12	3.36	+0.32	F0IV	+0.255	+0.079	+.062	− 30V	.	.		*
7378	19 26 11	+ 5 41	−15 3	+12	5.68 H	+0.03	B8	+0.019	+0.009	.	− 7V?	.	.		
7379	19 26 24	+ 5 40	−14 33	+12	6.64 H	.	A0	+0.035	−0.008	.		.	.		
7380	19 26 56	+ 6 19	−29 44	+12	5.68 H	+0.00	B9V	+0.017	−0.053	.	+ 2	.	.		
7381	19 23 23	+ 2 37	+50 17	+12	6.28 R	−0.08	B9	−0.002	+0.016	.	− 24	.	.		
7382	19 23 57	+ 3 10	+43 24	+12	5.82 R	.	gG5	+0.011	−0.028	.	− 0	.	.		G
7383	19 31 11	+ 10 24	−68 26	+12	5.95	+1.64	K5	+0.013	−0.014	.		.	.		
7384	19 25 21	+ 4 21	+20 17	+12	6.30	−0.04	A1V	−0.013	−0.030	.	− 32	.	.		
7385	19 25 28	+ 4 23	+19 48	+12	5.19	+0.97	K0III	+0.089	−0.067	−.003	+ 1	4.7	26.2	3	D
7386	19 25 25	+ 4 8	+24 55	+11	6.19	+0.52	F6V	−0.184	−0.631	+.027	− 4	.	.		
7387	19 26 31	+ 5 7	+ 0 20	+12	4.64	+0.59	F2Ib	−0.004	+0.000	−.011	− 1	.	.		
7388	19 29 53	+ 8 9	−55 26	+12	6.18 H	.	gG9	+0.023	−0.059	.		.	.		
7389	19 26 24	+ 4 39	+13 1	+12	5.72 R	.	F6III	+0.006	+0.059	+.031	− 34	.	.		
7390	19 26 13	+ 4 22	+20 6	+12	5.63	−0.05	A0V	−0.003	−0.038	.	− 21	.	.		6
7391	19 26 28	+ 4 22	+19 54	+12	5.83	+1.54	gM0	−0.007	−0.051	.	− 36	4.0	70.7	5	D
7392	19 29 23	+ 7 6	−43 27	+12	5.71	+0.22	A0	+0.091	−0.139	+.008		.	.		
7393	19 30 35	+ 8 7	−55 7	+12	6.41 H	.	dF6	+0.033	−0.017	.		.	.		
7394	17 17 29	−125 00	+89 2	+ 3	6.32 R	.	M1III	−0.028	+0.005	.	+ 2	.	.		*
7395	19 26 9	+ 3 36	+36 19	+12	5.12 R	−0.11	A si	+0.000	+0.007	−.011	− 22V?	.	.		6
7396	19 27 34	+ 4 36	+14 17	+12	6.27 R	.	B5n	−0.017	−0.013	.	+ 4	.	.		
7397	19 28 21	+ 5 1	+ 2 55	+12	5.86 R	+0.00	B9	+0.000	−0.007	.	− 20	.	.		
7398	19 29 52	+ 6 11	−26 59	+12	5.45	+1.12	K3III	+0.031	−0.045	+.038	− 31	4.0	8.0		D
7399	19 30 14	+ 6 26	−32 6	+12	6.59	+0.40	F5IV-V	+0.079	−0.068	.	+ 8	.	.		
7400	19 29 1	+ 5 3	+ 1 57	+12	5.77 R	.	A0	−0.007	−0.034	.	+ 10	.	.		G

BS = HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
7401		+57 1999	183339	26864	.	11886			19 23 58	+57 50	89 26	+18 27
7402	U AQL	− 7 4968	183344	26905	4556.	11912	12503	U AQL	19 23 58	− 7 15	30 54	−11 36
7403		+37 3465	183362	26887	.	11898			19 24 6	+37 44	70 43	+ 9 47
7404		− 0 3760	183387	26907	.	11913			19 24 11	+ 0 2	37 29	− 8 18
7405	6 α VUL	+24 3759	183439	26904	4557.	11909			19 24 33	+24 28	59 0	+ 3 24
7406	8 VUL	+24 3761	183491	26914	4558.	11915			19 24 47	+24 34	59 7	+ 3 25
7407		+14 3936	183492	26919	.	11918			19 24 47	+14 23	50 12	− 1 33
7408	7 CYG	+52 2434	183534	26893	.	11903			19 24 59	+52 7	84 1	+16 1
7409	7 VUL	+19 4039	183537	26921	.	11920			19 24 59	+20 4	55 12	+ 1 11
7410		−21 5410	183545	26933	.				19 24 58	−21 31	17 39	−17 55
7411		−53 9585	183552	26959	.				19 25 0	−53 24	344 33	−27 26
7412		+ 2 3904	183589	26925	.	11927	12520	VAR?	19 25 9	+ 2 41	39 58	− 7 16
7413		+62 1716	183611	26888	.	11899			19 25 17	+62 21	93 56	+20 1
7414	36 AQL	− 3 4612	183630	26936	4560.	11931		VAR?	19 25 26	− 3 0	34 55	− 9 59
7415		+ 3 4043	183656	26937	.	11932		V923 AQL	19 25 33	+ 3 14	40 30	− 7 5
7416		−45 13296	183806	26981	.				19 26 9	−45 29	353 16	−25 57
7417	6 β CYG	+27 3410	183912	26953	4567.	11939	12540A	VAR?	19 26 41	+27 45	62 6	+ 4 35
7418	6 β CYG	+27 3411	183914	26956	.	11941	12540B		19 26 43	+27 45	62 7	+ 4 34
7419		+35 3658	183986	26960	4571.	11942	12545		19 27 10	+36 1	69 28	+ 8 27
7420	10 ι CYG	+51 2605	184006	26947	4570.	11936			19 27 11	+51 31	83 36	+15 27
7421		+26 3573	184010	26968	.	11945			19 27 16	+26 24	60 59	+ 3 49
7422		−40 13356	184035	27006	.				19 27 17	−40 15	358 55	−24 48
7423		+79 628	184102	26857	.	11883			19 27 45	+79 24	111 31	+25 18
7424	ι TEL	−48 13161	184127	27025	4574.	11966			19 27 48	−48 19	350 15	−26 53
7425		+83 552	184146	26773	.	11845			19 27 57	+83 16	115 41	+26 16
7426	8 CYG	+34 3590	184171	26988	.	11951			19 28 3	+34 14	67 58	+ 7 26
7427		+49 3034	184293	26990	.	11952			19 28 40	+50 6	82 23	+14 38
7428		+55 2215	184398	26995	.	11954			19 29 7	+55 31	87 31	+16 52
7429	38 μ AQL	+ 7 4132	184406	27030	4579.	11971	12607	VAR?	19 29 12	+ 7 10	44 25	− 4 0
7430	37 AQL	−10 5122	184492	27046	4584.	11978			19 29 37	−10 47	28 18	−14 26
7431	51 SGR	−24 15442	184552	27067	4586.	11987		VAR?	19 29 57	−24 56	14 47	−20 17
7432		− 7 4998	184573	27060	.				19 30 6	− 7 41	31 12	−13 10
7433		−12 5461	184574	27059	.				19 29 59	−12 28	26 46	−15 15
7434		−58 7627	184585	27108	.				19 30 1	−58 12	339 17	−28 51
7435		−66 3445	184586	27132	.		I		19 29 59	−66 55	329 20	−29 30
7436		+38 3650	184603	27034	.	11972			19 30 7	+38 34	72 1	+ 9 8
7437	9 VUL	+19 4063	184606	27047	.	11979	12622		19 30 11	+19 33	55 21	+ 0 8
7438		+ 2 3932	184663	27064	.	11985			19 30 24	+ 2 42	40 36	− 8 24
7439		−19 5521	184705	27085	.				19 30 36	−19 5	20 33	−18 9
7440	52 SGR	−25 14184	184707	27089	.	11998	12654		19 30 37	−25 6	14 41	−20 29
7441	9 CYG	+29 3651	184759	27062	.	11984			19 30 53	+29 15	63 52	+ 4 30
7442		+48 2914	184786	27045	.	11977			19 30 56	+49 2	81 34	+13 50
7443		−18 5432	184835	27105	4596.	12011			19 31 15	−18 27	21 14	−18 2
7444		+42 3386	184875	27070	4597.	11989			19 31 26	+42 12	75 23	+10 37
7445		+10 3981	184884	27092	.	12002	12660		19 31 25	+10 55	47 58	− 4 39
7446	39 κ AQL	− 7 5006	184915	27107	.	12012		VAR?	19 31 31	− 7 15	31 46	−13 17
7447	41 ι AQL	− 1 3782	184930	27103	4599.	12010	12663	VAR?	19 31 33	− 1 31	36 59	−10 39
7448		+59 2060	184936	27048	.	11980			19 31 36	+59 57	91 54	+18 23
7449		+14 3974	184944	27096	.	12004			19 31 39	+14 10	50 50	− 3 6
7450		+70 1073	184958	27023	.	11963			19 31 48	+70 47	102 38	+22 25

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
7401	19 25 46	+ 1 48	+58 2	+12	6.44 R	−0.15	B8	−0.015	+0.006	.	− 22	.	.		
7402	19 29 21	+ 5 23	− 7 3	+12	6.20	+1.10	G4	+0.018	+0.002	+.013	− 7V	7.0	35.3	3	D
7403	19 27 37	+ 3 31	+37 56	+12	6.39	−0.15	B2e	+0.017	−0.015	.	− 16	.	.		
7404	19 29 18	+ 5 7	+ 0 14	+12	6.35 R	.	K2	+0.003	−0.009	.	− 60	.	.		
7405	19 28 43	+ 4 10	+24 40	+12	4.45	+1.51	M0III	−0.128	−0.107	+.012	− 86	.	.		
7406	19 28 57	+ 4 10	+24 46	+12	5.83 R	.	gG6	−0.004	+0.012	+.005	− 27	.	.		
7407	19 29 23	+ 4 36	+14 35	+12	5.58 R	.	gK0	+0.041	−0.029	.	− 40	.	.		
7408	19 27 26	+ 2 27	+52 19	+12	5.56 R	.	A0	−0.018	−0.027	.	+ 2V	.	.		
7409	19 29 21	+ 4 22	+20 16	+12	6.34	−0.11	B5V	−0.004	−0.023	.	− 43	.	.		
7410	19 30 54	+ 5 56	−21 19	+12	6.01 H	.	A2	+0.010	−0.019	.		.	.		
7411	19 32 54	+ 7 54	−53 11	+13	5.91 H	.	A m	+0.028	−0.015	.		.	.		
7412	19 30 10	+ 5 1	+ 2 53	+12	6.22 R	.	K5	−0.009	−0.001	.	− 7	4.2	34.9	3	D
7413	19 26 26	+ 1 9	+62 33	+12	6.31 R	.	K5	+0.016	+0.050	.	− 40	.	.		
7414	19 30 40	+ 5 14	− 2 47	+13	5.22 H	.	M1III	+0.016	−0.009	+.028	− 11	.	.		
7415	19 30 33	+ 5 0	+ 3 27	+13	6.32 R	.	A0p	+0.006	+0.004	.	− 42V	.	.		S
7416	19 33 21	+ 7 12	−45 16	+13	5.87 H	.	A p	−0.017	−0.032	.	− 8	.	.		
7417	19 30 43	+ 4 2	+27 58	+13	3.24 H	.	K5II?+B?	−0.003	−0.008	+.004	− 24V	2.3	34.8		*
7418	19 30 45	+ 4 2	+27 58	+13	5.11	−0.10	B8V	−0.013	−0.001	.	− 18	2.3	34.8		D
7419	19 30 47	+ 3 37	+36 14	+13	6.04 R	.	B9.5III	+0.001	−0.014	+.002	+ 7	7.7	27.8	3	
7420	19 29 42	+ 2 31	+51 44	+13	3.92 R	.	A5V	+0.020	+0.127	−.002	− 20	.	.		
7421	19 31 22	+ 4 6	+26 37	+13	5.83 R	.	sgG8	+0.028	+0.026	.	− 2	.	.		
7422	19 34 8	+ 6 51	−40 2	+13	5.90 H	.	A2	−0.007	−0.002	.	+ 12V	.	.		6
7423	19 21 40	− 6 5	+79 36	+12	5.96 R	.	A2	+0.011	−0.030	.	− 3V	.	.		6
7424	19 35 13	+ 7 25	−48 6	+13	5.02 H	.	G9III	−0.019	−0.044	−.005	+ 22	.	.		
7425	19 15 8	− 12 49	+83 28	+12	6.32 R	.	A2	+0.008	+0.010	.	− 15	.	.		
7426	19 31 46	+ 3 43	+34 27	+13	4.86 R	.	B3IV	−0.002	−0.002	.	− 22	.	.		
7427	19 31 19	+ 2 39	+50 19	+13	5.55 R	.	gK1	−0.034	+0.045	.	− 9	.	.		
7428	19 31 14	+ 2 7	+55 44	+13	6.37 R	.	K2II-III+A	−0.006	−0.014	.	− 6V	.	.		R
7429	19 34 5	+ 4 53	+ 7 23	+13	4.44	+1.16	K3III	+0.211	−0.157	+.038	− 24	5.1	183.1	6	D
7430	19 35 8	+ 5 31	−10 34	+13	5.24 H	.	G8III	+0.004	−0.003	+.007	− 31	.	.		
7431	19 36 1	+ 6 4	−24 43	+13	5.66	+0.18	A m	+0.008	−0.025	+.012	− 45V	.	.		6
7432	19 35 30	+ 5 24	− 7 28	+13	6.40 H	.	K0	+0.024	−0.039	.		.	.		
7433	19 35 33	+ 5 34	−12 15	+13	6.30 H	.	K0	+0.009	−0.006	.		.	.		
7434	19 38 25	+ 8 24	−57 59	+13	6.18 H	.	gG9	+0.028	−0.059	.		.	.		
7435	19 39 52	+ 9 53	−66 42	+13	6.38	+0.02	A0	+0.039	−0.050	.	− 14	5.4	19.7		
7436	19 33 36	+ 3 29	+38 47	+13	6.46 R	+0.02	A3V	+0.000	+0.026	.	− 17	.	.		
7437	19 34 34	+ 4 23	+19 46	+13	5.08	−0.13	B7V	+0.003	−0.001	.	+ 5	8.5	9.5		
7438	19 35 25	+ 5 1	+ 2 55	+13	6.34 R	.	F2	+0.015	+0.045	.	+ 4	.	.		
7439	19 36 26	+ 5 50	−18 52	+13	6.14 H	.	A5	+0.028	−0.004	.		.	.		
7440	19 36 42	+ 6 5	−24 53	+13	4.60	−0.08	B9	+0.068	−0.023	.002D	− 19V	5.8	3.0		3
7441	19 34 51	+ 3 58	+29 28	+13	5.32 R	.	F5+A0	+0.010	+0.023	.	− 11V	.	.		6
7442	19 33 41	+ 2 45	+49 15	+13	6.06 R	.	gM4	−0.001	−0.006	.	− 10	.	.		
7443	19 37 3	+ 5 48	−18 14	+13	5.87 H	.	gK3	+0.014	−0.013	+.005	− 7	.	.		
7444	19 34 42	+ 3 16	+42 25	+13	5.24 R	.	A2	−0.009	−0.023	−.002	+ 0	.	.		
7445	19 36 8	+ 4 43	+11 8	+13	6.48 R	.	A2	−0.009	−0.011	.	− 5	6.4	3.7		2
7446	19 36 54	+ 5 23	− 7 2	+13	4.96	−0.01	B0.5III	+0.000	−0.007	.	− 20V	.	.		
7447	19 36 43	+ 5 10	− 1 18	+13	4.36	−0.08	B5III	+0.000	−0.018	+.002	− 22	8.7	47.0		
7448	19 33 10	+ 1 34	+60 10	+13	6.25 R	.	K4III	+0.009	−0.003	.	− 19	1.7	76.		D
7449	19 36 15	+ 4 36	+14 23	+13	6.29 R	.	K0p	+0.029	−0.026	.	− 42	.	.		S
7450	19 31 0	− 0 48	+71 0	+13	6.08 R	.	K2	−0.010	+0.057	.	− 43	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
7451		+50 2815	184960	27068	4600.	11988			19 31 44	+51 1	83 28	+14 35
7452		+22 3741	184961	27097	.	12007			19 31 52	+22 22	57 59	+ 0 55
7453		+47 2870	184977	27078	.	11993			19 31 49	+47 57	80 38	+13 13
7454		−14 5479	184985	27127	4603.	12017			19 31 56	−14 31	25 3	−16 33
7455		−66 3447	184996	27187	.				19 31 56	−66 5	330 18	−29 40
7456		+10 3984	185018	27120	.	12015	12670		19 32 9	+11 3	48 10	− 4 44
7457	11 CYG	+36 3619	185037	27099	.	12008			19 32 13	+36 43	70 34	+ 7 53
7458	U VUL	+20 4200	185059	27119	4604.	12014		U VUL	19 32 15	+20 7	56 5	+ 0 17
7459		−54 9438	185075	27177	.				19 32 19	−54 39	343 21	−28 42
7460	42 AQL	− 4 4861	185124	27143	4606.	12023			19 32 29	− 4 52	34 3	−12 25
7461		−45 13354	185139	27167	.				19 32 31	−45 30	353 32	−27 3
7462	61 σ DRA	+69 1053	185144	27050	4607.	11981		VAR?	19 32 33	+69 29	101 20	+21 54
7463	4 ϵ SGE	+16 3918	185194	27139	.	12020	12693	VAR?	19 32 46	+16 14	52 46	− 2 19
7464		−39 13371	185257	27182	.				19 33 7	−39 40	359 52	−25 43
7465		+49 3059	185264	27122	.	12016			19 33 15	+50 1	82 39	+13 56
7466		+29 3670	185268	27144	.	12024	12696		19 33 11	+29 7	64 0	+ 4 0
7467		+38 3677	185330	27146	.				19 33 26	+38 10	71 58	+ 8 22
7468		+44 3185	185351	27140	4610.	12021			19 33 32	+44 28	77 37	+11 21
7469	13 θ CYG	+49 3062	185395	27141	4611.	12022	12695		19 33 46	+49 59	82 39	+13 50
7470	53 SGR	−23 15618	185404	27189	.		12741		19 33 49	−23 39	16 25	−20 37
7471		+ 3 4097	185423	27176	.	12033			19 33 49	+ 3 9	41 25	− 8 56
7472		+20 4210	185436	27168	.	12031			19 33 57	+20 34	56 40	+ 0 24
7473		−23 15625	185467	27194	.	12041			19 34 6	−23 39	16 26	−20 41
7474	44 σ AQL	+ 5 4225	185507	27185	.	12038	12737	σ AQL	19 34 16	+ 5 10	43 16	− 8 4
7475		+16 3936	185622	27195	.	12042	12750		19 34 54	+16 21	53 7	− 2 42
7476	54 SGR	−16 5399	185644	27214	4615.	12053	12767A		19 35 0	−16 31	23 28	−18 4
7477		+48 2922	185657	27183	4616.	12036			19 35 10	+49 3	81 54	+13 13
7478	12 ϕ CYG	+29 3684	185734	27203	4618.	12046			19 35 26	+29 55	64 57	+ 3 58
7479	5 α SGE	+17 4042	185758	27215	4619.	12054	12766		19 35 38	+17 47	54 27	− 2 8
7480	45 AQL	− 0 3813	185762	27222	4620.	12058	12775		19 35 34	− 0 51	38 3	−11 13
7481		+33 3547	185837	27216	.	12055	12765		19 35 59	+33 44	68 20	+ 5 46
7482		+20 4218	185859	27226	.	12059			19 36 6	+20 15	56 39	+ 1 0
7483	14 CYG	+42 3413	185872	27213	4622.1	12052			19 36 11	+42 35	76 9	+10 2
7484		+54 2193	185912	27206	4623.	12049			19 36 26	+54 44	87 14	+15 36
7485		+23 3733	185915	27230	.	12063	12778		19 36 25	+23 29	59 29	+ 0 34
7486	QS AQL	+13 4098	185936	27235	.	12066	K	QS AQL	19 36 28	+13 35	50 54	− 4 24
7487		+45 2940	185955	27220	.	12056			19 36 32	+45 43	79 0	+11 28
7488	6 β SGE	+17 4048	185958	27236	4624.	12067			19 36 33	+17 15	54 6	− 2 35
7489	55 SGR	−16 5413	186005	27255	4625.	12075			19 36 48	−16 22	23 48	−18 23
7490		+22 3767	186021	27242	.	12071			19 36 57	+22 13	58 27	+ 0 11
7491		−37 13322	186042	27276	.	12082			19 36 57	−37 46	2 8	−25 55
7492		+42 3419	186121	27240	.	12069			19 37 27	+42 51	76 30	+ 9 57
7493	46 AQL	+11 3954	186122	27263	.	12077			19 37 31	+11 58	49 38	− 5 26
7494		−81 868	186154	27434	.				19 37 37	−81 36	312 28	−29 12
7495		+45 2949	186155	27249	4627.	12073			19 37 45	+45 17	78 42	+11 4
7496		−15 5444	186185	27289	4630.	12087			19 37 51	−15 42	24 33	−18 21
7497	47 χ AQL	+11 3955	186203	27272	.	12079	12808	VAR?	19 37 52	+11 35	49 20	− 5 42
7498		−72 2445	186219	27351	4631.	12133			19 37 54	−72 45	322 36	−30 7
7499		+39 3878	186307	27275	.	12081	K		19 38 32	+40 1	74 6	+ 8 24
7500		+60 1991	186340	27252	.	12074	12789		19 38 39	+60 16	92 35	+17 43

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
7451	19 34 19	+ 2 35	+51 14	+13	5.72	+0.47	F8V	+0.025	−0.192	+.035	+ 1	.	.		G
7452	19 36 9	+ 4 17	+22 35	+13	6.10 R	−0.10	B9si	+0.000	−0.027	.	− 31	.	.		
7453	19 34 40	+ 2 51	+48 10	+13	6.63 R	.	A5	−0.021	−0.075	.	− 1	.	.		
7454	19 37 34	+ 5 38	−14 18	+13	5.60 H	.	dF6	−0.110	−0.142	+.039	− 21	.	.		6
7455	19 41 37	+ 9 41	−65 51	+14	6.08	+1.55	K2	+0.027	−0.068	.		.	.		
7456	19 36 52	+ 4 43	+11 16	+13	6.04 R	.	G5	+0.013	+0.004	.	− 1	6.3	20.2	3	
7457	19 35 49	+ 3 36	+36 56	+13	5.78 R	−0.12	B8V	+0.004	−0.004	.	− 15	.	.		
7458	19 36 37	+ 4 22	+20 20	+13	6.6 H	.	G5	−0.008	−0.014	−.012	− 11V	.	.		
7459	19 40 18	+ 7 59	−54 25	+14	6.25	+1.00	gG8	+0.038	−0.010	.		.	.		
7460	19 37 47	+ 5 18	− 4 39	+13	5.52 H	.	dF1	+0.102	−0.051	+.022	− 38	.	.		
7461	19 39 42	+ 7 11	−45 16	+14	6.24	+0.29	A5p	−0.004	+0.019	.		.	.		
7462	19 32 21	− 0 12	+69 39	+10	4.68	+0.79	K0V	+0.575	−1.745	+.179	+ 27	.	.		
7463	19 37 18	+ 4 32	+16 27	+13	5.54 R	.	G8III	+0.014	+0.012	.	− 33	2.0	91.9	4	D
7464	19 39 56	+ 6 49	−39 26	+14	6.60 H	.	A2	+0.060	−0.062	.		.	.		
7465	19 35 56	+ 2 41	+50 14	+13	6.47 R	.	G9III	−0.010	+0.035	.	+ 8	.	.		
7466	19 37 10	+ 3 59	+29 20	+13	6.24 R	.	B5n	−0.021	−0.002	.	− 20	4.7	21.0	4	
7467	19 36 57	+ 3 31	+38 23	+13	6.37 R	−0.16	B3III	−0.005	−0.002	.	− 26	.	.		
7468	19 36 38	+ 3 6	+44 41	+13	4.98 R	.	K0III-IV	−0.107	−0.104	+.018	− 5	.	.		
7469	19 36 27	+ 2 41	+50 13	+14	4.48	+0.38	F4V	−0.028	+0.250	+.066	− 28	6.0	48.4	3	D
7470	19 39 49	+ 6 0	−23 25	+14	6.24 H	.	A0	−0.001	−0.034	.		.2	.2		2
7471	19 38 49	+ 5 0	+ 3 23	+14	6.38 R	.	B4	−0.009	+0.004	.	− 1V	.	.		6
7472	19 38 18	+ 4 21	+20 48	+14	6.31 R	.	K0III	−0.060	−0.050	.	+ 5	.	.		
7473	19 40 7	+ 6 1	−23 25	+14	6.13 H	.	gK1	+0.023	+0.000	.	− 28	.	.		
7474	19 39 12	+ 4 56	+ 5 24	+14	5.0 H	.	B3V	−0.003	−0.002	.	− 5V	6.9	47.9		*
7475	19 39 25	+ 4 31	+16 35	+14	6.43 R	.	M0Ib	+0.006	+0.000	.	− 4	2.0	28.6		*
7476	19 40 44	+ 5 44	−16 17	+14	5.45 H	.	K2III	+0.065	−0.047	+.030	− 58	4.0	46.8	3	D
7477	19 37 57	+ 2 47	+49 17	+14	6.35 R	.	dG6	+0.031	+0.141	+.006	− 85	.	.		.
7478	19 39 23	+ 3 57	+30 9	+14	4.64 R	.	G8III-IV	−0.003	+0.039	+.007	+ 6V	.	.		R
7479	19 40 6	+ 4 28	+18 1	+14	4.30 R	.	G0II	+0.009	−0.024	−.004	+ 2	8.8	33.0	3	D
7480	19 40 43	+ 5 9	− 0 37	+14	5.52 H	.	A2	+0.013	+0.015	+.014	− 46	7.2	42.6		
7481	19 39 45	+ 3 46	+33 58	+14	6.09 R	+0.07	A3V	+0.003	+0.014	.	− 32	4.5	.8	3	D
7482	19 40 28	+ 4 22	+20 29	+14	6.49	+0.39	B0.5Ia	−0.007	−0.025	.	+ 5	.	.		
7483	19 39 26	+ 3 15	+42 49	+14	5.36 R	−0.08	A p	+0.017	+0.027	+.018	− 28V	.	.		6
7484	19 38 41	+ 2 15	+54 58	+14	5.82 R	.	dF4	+0.037	+0.166	+.036	− 15V	.	.		R
7485	19 40 39	+ 4 14	+23 43	+14	6.41 R	.	B3	+0.014	−0.022	.	− 20V	2.3	15.4		6
7486	19 41 6	+ 4 38	+13 49	+14	6.1 H	.	B3	−0.007	−0.018	.	− 14V	.2	.1		*
7487	19 39 34	+ 3 2	+45 57	+14	6.22 R	.	K0III	−0.010	+0.044	.	− 10	.	.		
7488	19 41 2	+ 4 29	+17 29	+14	4.32 R	.	G8II	+0.004	−0.037	+.020	− 22	.	.		
7489	19 42 31	+ 5 43	−16 8	+14	5.05	+0.34	F0III	+0.063	−0.009	+.031	− 28V?	.	.		6
7490	19 41 15	+ 4 18	+22 27	+14	6.30 R	.	K2	+0.019	−0.006	.	− 23	.	.		
7491	19 43 38	+ 6 41	−37 32	+14	6.16 H	.	B8	−0.017	−0.014	.	− 29V?	.	.		
7492	19 40 41	+ 3 14	+43 5	+14	6.22 R	.	gM2	+0.007	−0.007	.	− 5	.	.		
7493	19 42 12	+ 4 41	+12 12	+14	6.24 R	−0.01	B8III	−0.007	−0.006	.	− 32	.	.		
7494	19 56 2	+ 18 25	−81 21	+15	6.38	+1.40	K0	+0.027	+0.005	.		.	.		
7495	19 40 50	+ 3 5	+45 31	+14	4.95 R	.	F2III	+0.087	+0.111	+.018	− 20	.	.		
7496	19 43 33	+ 5 42	−15 28	+14	5.50 H	.	F6IV	+0.149	−0.181	+.038	+ 13	.	.		
7497	19 42 34	+ 4 42	+11 49	+14	5.22 R	.	dF3+A3	−0.006	−0.009	.	− 22V?	1.2	.7		4
7498	19 49 26	+ 11 32	−72 30	+15	5.40	+0.23	A m	+0.010	+0.012	+.025	+ 0V	.	.		6
7499	19 41 57	+ 3 25	+40 15	+14	6.15 R	.	A3	−0.030	+0.024	.	− 32	1.3	.5		2
7500	19 40 13	+ 1 34	+60 30	+14	6.14 R	.	A2	−0.011	−0.006	.026D	− 1	2.3	18.4		2

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
7501		+28 3447	186357	27291	.	12088			19 38 49	+29 5	64 35	+ 2 55
7502		+32 3531	186377	27292	.	12089			19 38 54	+32 11	67 17	+ 4 28
7503	16 CYG	+50 2847	186408	27284	4634.	12083	12815A		19 39 9	+50 18	83 21	+13 13
7504		+50 2848	186427	27285	.	12084	12815B		19 39 12	+50 17	83 20	+13 12
7505		+30 3706	186440	27297	.	12097			19 39 14	+30 26	65 48	+ 3 31
7506	10 VUL	+25 3933	186486	27305	4637.	12099			19 39 33	+25 32	61 36	+ 0 59
7507		−32 15443	186500	27337	.	12117			19 39 38	−32 9	8 15	−24 47
7508		+26 3654	186518	27308	.	12101	12850		19 39 50	+26 54	62 49	+ 1 37
7509		+55 2245	186532	27294	.	12093			19 39 51	+55 13	87 55	+15 22
7510	ν TEL	−56 9290	186543	27358	.	12141			19 39 51	−56 36	341 16	−28 0
7511	48 ψ AQL	+12 4059	186547	27321	.	12105			19 39 55	+13 4	50 53	− 5 23
7512		+33 3572	186568	27310	.	12102	12852		19 40 6	+33 55	68 55	+ 5 7
7513		−67 3680	186584	27382	.				19 40 5	−67 3	329 11	−30 30
7514		+41 3469	186619	27315	4639.	12103			19 40 25	+41 32	75 37	+ 8 50
7515	56 SGR	−20 5698	186648	27349	4640.	12127			19 40 32	−20 0	20°39	−20 40
7516		− 3 4701	186660	27344	.	12122			19 40 38	− 3 7	36 37	−13 24
7517	15 CYG	+37 3586	186648	27328	4641.	12109			19 40 40	+37 7	71 46	+ 6 37
7518	SU CYG	+28 3460	186688	27336	4642.	12115		SU CYG	19 40 48	+29 1	64 45	+ 2 31
7519	49 υ AQL	+ 7 4210	186689	27342	4643.	12121			19 40 48	+ 7 22	46 0	− 8 25
7520		+34 3691	186702	27335	.	12114		VAR?	19 40 53	+34 10	69 13	+ 5 6
7521		−53 9678	186756	27384	.				19 41 8	−53 8	345 16	−29 47
7522		+57 2057	186760	27322	4644.	12106			19 41 17	+57 46	90 23	+16 20
7523		+40 3866	186776	27341	.	12120		VAR?	19 41 25	+40 28	74 46	+ 8 9
7524		−65 3827	186786	27416	.				19 41 27	−65 51	330 35	−30 38
7525	50 γ AQL	+10 4043	186791	27354	4645.	12137			19 41 30	+10 22	48 43	− 7 4
7526		+56 2291	186815	27333	.	12112			19 41 37	+56 48	89 30	+15 51
7527		−61 6413	186837	27408	.	12167			19 41 37	−61 19	335 51	−30 34
7528	18 δ CYG	+44 3234	186882	27347	4647.	12126	12880	VAR?	19 41 51	+44 53	78 42	+10 15
7529		+35 3786	186901	27352	.	12136	12893A		19 41 59	+35 51	70 47	+ 5 45
7530		+34 3701	186927	27360	.	12142	12900		19 42 8	+34 46	69 52	+ 5 11
7531		−59 7534	186957	27424	4651.	12174	I		19 42 16	−59 27	338 1	−30 32
7532		−14 5555	186984	27394	.				19 42 26	−13 57	26 43	−18 37
7533		+24 3877	186998	27370	.	12152			19 42 27	+24 53	61 23	+ 0 5
7534	17 CYG	+33 3587	187013	27369	4654.	12150	12913A	VAR?	19 42 38	+33 30	68 49	+ 4 27
7535		+32 3558	187038	27372	.	12154	12920		19 42 44	+32 38	68 5	+ 3 59
7536	7 δ SGE	+18 4240	187076	27391	.	12160		VAR?	19 42 56	+18 17	55 46	− 3 23
7537		−47 13103	187086	27427	.				19 42 55	−47 48	351 23	−29 15
7538		−29 16546	187098	27412	.		12956		19 42 57	−29 2	11 45	−24 27
7539					.							
7540		+25 3972	187193	27402	.	12163			19 43 37	+25 8	61 44	+ 0 1
7541		−11 5131	187195	27417	.	12170			19 43 31	−11 7	29 32	−17 39
7542		+10 4058	187203	27413	.	12169			19 43 46	+10 26	49 3	− 7 31
7543		+38 3758	187235	27401	.		12944		19 43 55	+38 10	73 0	+ 6 35
7544	52 π AQL	+11 3994	187259	27418	.	12172	12962	VAR?	19 43 59	+11 34	50 4	− 7 0
7545		+68 1079	187340	27367	.	12146			19 44 27	+69 6	101 23	+20 47
7546	8 ζ SGE	+18 4254	187362	27431	4660.	12179	12973		19 44 32	+18 53	56 28	− 3 24
7547		+47 2916	187372	27407	.	12165			19 44 32	+47 39	81 24	+11 11
7548		−55 9221	187420	27482	.		IA		19 44 40	−55 14	342 56	−30 32
7549		−55 9222	187421	27483	.		IB		19 44 41	−55 14	342 56	−30 32
7550		+34 3727	187458	27432	4661.	12180	12972		19 45 0	+35 4	70 25	+ 4 49

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
7501	19 42 49	+ 4 0	+29 19	+14	6.39 R	.	F0	+0.056	+0.046	.	− 25	.	.		
7502	19 42 45	+ 3 51	+32 25	+14	5.83 R	+0.18	A4III	−0.011	−0.009	.	− 8	.	.		
7503	19 41 48	+ 2 39	+50 32	+14	5.96	+0.64	G2V	−0.155	−0.155	+.034	− 26	.2	39.0		D
7504	19 41 52	+ 2 40	+50 31	+14	6.20	+0.66	G5V	−0.140	−0.164	.	− 28	.2	39.0		D
7505	19 43 10	+ 3 56	+30 40	+14	6.05 R	+0.02	A1V	−0.017	+0.036	.	− 31	.	.		
7506	19 43 42	+ 4 9	+25 46	+14	5.34 R	.	G8III	+0.004	+0.018	+.023	− 9	.	.		
7507	19 46 1	+ 6 23	−31 55	+14	5.56 H	.	B8Vn	−0.003	−0.018	.	− 31	.	.		
7508	19 43 56	+ 4 6	+27 8	+14	6.43 R	.	gG4	−0.015	+0.003	.	− 12	3.5	.6		2
7509	19 42 4	+ 2 13	+55 27	+14	5.35 R	.	gM5	+0.009	−0.042	.	− 28	.	.		
7510	19 48 1	+ 8 10	−56 22	+14	5.52 H	.	A m	+0.089	−0.140	.	− 16V	.	.		
7511	19 44 34	+ 4 39	+13 18	+14	6.12 R	−0.04	B8IV	−0.012	−0.008	.	− 4V	.	.		6
7512	19 43 52	+ 3 46	+34 9	+14	5.96 R	−0.02	B8II-III	−0.006	+0.000	.	− 11	5.5	34.2	3	
7513	19 49 54	+ 9 49	−66 48	+15	6.44	+1.48	K2	−0.009	+0.013	.		.	.		
7514	19 43 45	+ 3 20	+41 46	+14	5.86 R	.	gM0	+0.011	+0.009	+.012	− 41	.	.		
7515	19 46 22	+ 5 50	−19 46	+14	5.06 H	.	K1III	−0.131	−0.088	+.018	+ 20	.	.		
7516	19 45 52	+ 5 14	− 2 52	+15	6.50 H	.	B3	+0.000	−0.002	.	− 17	.	.		
7517	19 44 16	+ 3 36	+37 21	+14	4.85 R	.	G8III	+0.068	+0.031	+.018	− 24	.	.		
7518	19 44 48	+ 4 0	+29 15	+14	6.4 H	.	F2p	−0.004	−0.003	−.012	− 36V	.	.		
7519	19 45 40	+ 4 52	+ 7 37	+15	5.87	+0.17	A2	+0.048	+0.001	+.024	− 30	.	.		
7520	19 44 38	+ 3 45	+34 24	+14	6.53 R	.	M1	+0.000	−0.012	.	+ 9	.	.		
7521	19 48 55	+ 7 47	−52 53	+15	6.30 H	.	K0	+0.012	−0.054	.		.	.		
7522	19 43 14	+ 1 57	+58 0	+14	6.24 R	.	F8	+0.133	−0.062	+.045	− 22	.	.		
7523	19 44 49	+ 3 24	+40 42	+14	6.26 R	.	M3III	−0.069	−0.024	.	− 97	.	.		
7524	19 51 1	+ 9 34	−65 36	+15	6.04	+0.31	F0III	+0.101	−0.159	.	− 41	.	.		
7525	19 46 15	+ 4 45	+10 37	+15	2.62 R	.	K3II	+0.013	−0.001	+.006	− 2	.	.		
7526	19 43 40	+ 2 3	+57 2	+14	6.28 R	.	G5	+0.007	+0.019	.	− 26	.	.		
7527	19 50 22	+ 8 45	−61 4	+15	6.42 H	.	B5V	−0.006	−0.002	.	− 16	.	.		
7528	19 44 58	+ 3 7	+45 8	+15	2.92 R	−0.03	B9.5III	+0.045	+0.040	+.021	− 21	4.9	3.1		D
7529	19 45 39	+ 3 40	+36 6	+15	5.98 R	.	B9.5III	+0.000	+0.012	.018D	− 19	.8	15.2	6	D
7530	19 45 52	+ 3 44	+35 1	+15	6.08 R	.	K0II-III	+0.016	−0.007	.	− 19	2.0	38.5		D
7531	19 50 45	+ 8 29	−59 12	+15	5.54 H	.	A2	+0.015	+0.002	+.008	+ 4	1.7	.6		2
7532	19 48 3	+ 5 37	−13 42	+15	6.18 H	.	A3	+0.022	−0.012	.		.	.		
7533	19 46 39	+ 4 12	+25 8	+15	6.52 R	.	F0	+0.068	−0.005	.	+ 13	.	.		
7534	19 46 26	+ 3 48	+33 44	+14	4.99	+0.46	F5V	+0.016	−0.449	+.047	+ 5	3.0	26.0	3	D
7535	19 46 34	+ 3 50	+32 53	+15	6.01BR	.	K2	−0.038	−0.005	.016D	− 46	2.5	33.4	4	D
7536	19 47 23	+ 4 27	+18 32	+15	3.65 R	.	M2II?+B?	+0.004	+0.009	.	+ 3V	.	.		R
7537	19 50 13	+ 7 18	−47 33	+15	6.00 H	.	gM1	−0.020	−0.009	.		.	.		
7538	19 49 11	+ 6 14	−28 47	+15	6.04	+0.41	dF5	+0.117	−0.109	.	− 34	5.8	2.5		
7539						.		.	.	.		.	.		
7540	19 47 48	+ 4 11	+25 23	+15	5.88 R	.	gK0	+0.076	−0.027	.	− 18	.	.		
7541	19 49 2	+ 5 31	−10 52	+15	6.23 H	.	gK5	+0.029	−0.020	.	− 37	.	.		
7542	19 48 31	+ 4 45	+10 41	+15	6.27 R	.	F8I-IIb	−0.012	−0.002	.	− 5	.	.		
7543	19 47 28	+ 3 33	+38 25	+15	5.77	−0.06	B8V	+0.011	−0.005	.	− 12	7.0	24.6		
7544	19 48 42	+ 4 43	+11 49	+15	5.61 R	.	dF2+A2	+0.013	−0.006	.003D	+ 13	.8	1.6	3	D
7545	19 44 18	− 0 9	+69 21	+15	5.91 R	.	A0	+0.013	−0.022	.	+ 0	.	.		G
7546	19 48 58	+ 4 26	+19 8	+15	4.92 R	+0.11	A3V	+0.016	+0.027	+.010	− 7V	1.0	.3	3	D
7547	19 47 27	+ 2 55	+47 54	+15	6.03 R	.	gM1	−0.031	−0.034	.	+ 3	.	.		6
7548	19 52 38	+ 7 58	−54 59	+15	6.14 H	.	G5	+0.006	−0.003	.		.6	24.0		D
7549	19 52 39	+ 7 58	−54 59	+15	6.76 H	.	A2	+0.006	−0.005	.		.6	24.0		D
7550	19 48 44	+ 3 44	+35 19	+15	6.40 R	.	F5	+0.081	+0.060	+.011	− 27	1.0	.8		D

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
7551		+33 3602	187459	27433	.	12181		VAR?	19 45 2	+33 11	68 48	+ 3 51
7552		−40 13514	187474	27474	4664.	12198			19 45 3	−40 8	0 1	−28 3
7553	51 AQL	−11 5149	187532	27465	.	12192	13017		19 45 17	−11 1	29 49	−16 0
7554		+ 7 4252	187567	27458	.	12190			19 45 26	+ 7 39	46 50	− 9 16
7555		+38 3772	187638	27453	.	12189	12992		19 45 55	+38 27	73 27	+ 6 23
7556		+28 3493	187640	27460	.	12191			19 45 52	+28 11	64 36	+ 1 8
7557	53 α AQL	+ 8 4236	187642	27470	4665.	12193	13009		19 45 54	+ 8 36	47 43	− 8 54
7558		−61 6426	187653	27526	.				19 45 57	−61 26	335 44	−31 5
7559		− 2 5133	187660	27478	.				19 45 58	− 2 43	37 37	−14 24
7560	54 o AQL	+10 4073	187691	27480	4670.	12200	13012		19 46 14	+10 10	49 8	− 8 11
7561	57 SGR	−19 5631	187739	27503	4671.	12212			19 46 23	−19 18	21 55	−21 39
7562		+ 9 4288	187753	27491	.	12206			19 46 30	+ 9 23	48 29	− 8 38
7563		+68 1082	187764	27430	.	12177			19 46 38	+68 11	100 34	+20 14
7564	χ CYG	+32 3593	187796	27481	4673.	12201		χ CYG	19 46 43	+32 40	68 33	+ 3 17
7565	12 VUL	+22 3833	187811	27493	.	12208			19 46 46	+22 21	59 43	− 2 4
7566	19 CYG	+38 3780	187849	27486	4675.	12204	13014	VAR?	19 47 1	+38 28	73 34	+ 6 12
7567		+40 3902	187879	27492	.	12207		V CYG	19 47 11	+40 21	75 13	+ 7 8
7568		+37 3636	187880	27498	4676.	12209			19 47 11	+37 35	72 49	+ 5 44
7569		+11 4019	187923	27510	4678.	12215			19 47 23	+11 23	50 20	− 7 49
7570	55 η AQL	+ 0 4337	187929	27517	4679.	12220		η AQL	19 47 23	+ 0 45	40 56	−13 4
7571		−14 5578	187949	27525	.	12225		V505 SGR	19 47 28	−14 51	26 23	−20 6
7572		+ 9 4295	187961	27515	.	12218	13041	VAR?	19 47 30	+10 6	49 14	− 8 29
7573		+24 3914	187982	27516	.	12219		VAR?	19 47 49	+24 44	61 53	− 1 2
7574	9 SGE	+18 4276	188001	27523	.	12222			19 47 54	+18 25	56 29	− 4 19
7575		− 3 4742	188041	27532	.	12231			19 48 5	− 3 22	37 17	−15 10
7576	20 CYG	+52 2547	188056	27506	4684.	12213		VAR?	19 48 7	+52 44	86 14	+13 8
7577		+47 2937	188074	27513	.	12217			19 48 20	+47 9	81 16	+10 23
7578		−24 15668	188088	27542	4686.	12238	13072		19 48 18	−24 11	17 11	−23 54
7579		−69 3072	188097	27594	4688.				19 48 22	−69 26	326 23	−31 10
7580		+ 4 4264	188107	27537	.	12233			19 48 24	+ 4 9	44 6	−11 38
7581	ι SGR	−42 14549	188114	27557	4687.	12247			19 48 22	−42 8	357 58	−29 6
7582	63 ϵ DRA	+69 1070	188119	27471	4689.	12194	13007	VAR?	19 48 31	+70 1	102 26	+20 50
7583		+36 3744	188149	27528	.	12226			19 48 36	+36 11	71 46	+ 4 46
7584	56 AQL	− 8 5150	188154	27546	.	12240			19 48 43	− 8 50	32 16	−17 48
7585		−33 14560	188158	27559	.				19 48 41	−33 18	7 40	−26 56
7586		−58 7683	188161	27585	.				19 48 42	−58 11	339 33	−31 18
7587		−59 7550	188162	27588	4692.	12268			19 48 42	−59 10	338 24	−31 21
7588		−69 3073	188164	27603	.				19 48 40	−69 2	326 51	−31 13
7589		+46 2793	188209	27529	4693.	12227			19 48 58	+46 46	80 59	+10 6
7590	ϵ PAV	−73 2086	188228	27631	4694.	12295		VAR?	19 49 2	−73 10	322 2	−30 54
7591		+47 2939	188252	27531	.	12230		VAR?	19 49 10	+47 40	81 48	+10 31
7592	13 VUL	+23 3820	188260	27544	4696.	12239	B		19 49 13	+23 49	61 16	− 1 47
7593	57 AQL	− 8 5154	188293	27562	4698.	12250	13087A		19 49 13	− 8 29	32 40	−17 45
7594	57 AQL	− 8 5155	188294	27563	.	12251	13087B		19 49 13	− 8 30	32 39	−17 45
7595	59 ξ AQL	+ 8 4261	188310	27558	4699.	12248			19 49 24	+ 8 12	47 48	− 9 51
7596	58 AQL	− 0 3871	188350	27565	.	12253			19 49 37	+ 0 1	40 33	−13 54
7597	58 ω SGR	−26 14637	188376	27583	4701.	12264			19 49 43	−26 34	14 51	−25 2
7598		+ 6 4351	188385	27567	.	12256	13093		19 49 47	+ 6 53	46 42	−10 35
7599		− 7 5102	188405	27580	.		13104		19 49 58	− 7 0	34 8	−17 15
7600		+47 2945	188439	27549	.	12243		V819 CYG	19 50 4	+47 33	81 46	+10 19

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
7551	19 48 51	+ 3 49	+33 26	+15	6.46	+0.20	B0.5Ib	+0.001	−0.005	.	− 10V	.	.		5
7552	19 51 50	+ 6 47	−39 53	+15	5.31?	−0.05	A0si	+0.028	−0.016	+.015	+ 0V	.	.		6
7553	19 50 47	+ 5 30	−10 46	+15	5.55 H	.	F0IV	−0.031	+0.036	.	+ 6	8.0	21.1		1
7554	19 50 17	+ 4 51	+ 7 54	+15	6.45	−0.09	B2e	+0.000	+0.000	.	− 28	.	.		
7555	19 49 27	+ 3 32	+38 42	+15	6.20 R	.	gG3	+0.001	−0.012	.	+ 11	4.9	12.0	3	
7556	19 49 55	+ 4 3	+28 26	+15	6.38	−0.06	B3III	−0.026	+0.026	.	− 4V?	.	.		6
7557	19 50 47	+ 4 53	+ 8 52	+16	0.77	+0.22	A7V	+0.535	+0.383	+.198	− 26	8.7	165.4		*
7558	19 54 41	+ 8 44	−61 11	+15	6.32 H	.	A3V	+0.006	+0.008	.		.	.		
7559	19 51 11	+ 5 13	− 2 28	+15	6.36 H	.	K5	−0.012	−0.035	.		.	.		
7560	19 51 1	+ 4 47	+10 25	+15	5.10 R	.	F8V	+0.236	−0.141	+.046	− 0	8.5	22.9	3	D
7561	19 52 12	+ 5 49	−19 3	+15	5.99 H	.	gG5	−0.001	−0.058	+.015	− 26	.	.		6
7562	19 51 17	+ 4 47	+ 9 38	+15	6.27 R	.	A0	−0.006	−0.012	.	+ 21	.	.		
7563	19 46 45	+ 0 7	+68 26	+15	6.29 R	.	F0III	+0.003	+0.013	.	− 12	.	.		
7564	19 50 33	+ 3 50	+32 55	+15	4.2 H	.	S7 1e	−0.033	−0.042	+.014	− 2	.	.		
7565	19 51 4	+ 4 18	+22 36	+15	4.94	−0.18	B3Ve	+0.017	−0.021	.	− 26	.	.		
7566	19 50 34	+ 3 33	+38 43	+15	5.24 R	.	gM2	+0.007	+0.105	−.002	− 39	5.0	54.6	4	D
7567	19 50 37	+ 3 26	+40 36	+15	5.6 H	.	B1IV?	−0.007	−0.009	.	− 4V	.	.		R
7568	19 50 47	+ 3 36	+37 50	+15	6.19 R	.	gM3	+0.019	+0.005	+.003	− 16	.	.		
7569	19 52 4	+ 4 41	+11 38	+15	6.10 R	.	G2V	−0.341	−0.320	+.024	− 17	.	.		
7570	19 52 29	+ 5 6	+ 1 0	+15	3.50	+0.80	F6Ib	+0.007	−0.008	+.005	− 15V	.	.		
7571	19 53 6	+ 5 38	−14 36	+15	6.5 H	.	F6?+A3	−0.009	−0.042	.	− 2	.	.		
7572	19 52 16	+ 4 46	+10 21	+15	6.45 R	.	B5n	−0.001	−0.016	.	− 13	2.9	13.7		
7573	19 52 1	+ 4 12	+24 59	+15	5.58	+0.71	A1lab	−0.010	+0.011	.	− 3	.	.		
7574	19 52 22	+ 4 28	+18 40	+15	6.22	+0.01	O8f	−0.007	−0.006	.	+ 9V	.	.		
7575	19 53 19	+ 5 14	− 3 6	+16	5.64	+0.20	A p	+0.009	+0.016	.	− 19V	.	.		
7576	19 50 37	+ 2 30	+52 59	+15	5.00 R	.	K3III	−0.014	−0.069	+.012	− 20	.	.		
7577	19 51 19	+ 2 59	+47 24	+15	6.19 R	.	F2V	+0.013	+0.017	.	− 18	.	.		6
7578	19 54 17	+ 5 59	−23 56	+15	6.15	+1.02	dK5	−0.136	−0.415	+.067	− 7	4.0	18.3		1
7579	19 58 42	+ 10 20	−69 10	+16	5.74	+0.22	A m	+0.076	−0.104	+.024	− 10	.	.		
7580	19 53 23	+ 4 59	+ 4 25	+16	6.26 R	.	A0	+0.010	+0.004	.	− 1	.	.		
7581	19 55 16	+ 6 54	−41 52	+16	4.12	+1.08	K0III	+0.017	+0.052	+.028	+ 36	.	.		
7582	19 48 10	− 0 21	+70 16	+15	3.88 R	.	G8III	+0.078	+0.036	+.001	+ 3	3.6	3.9		D
7583	19 52 16	+ 3 40	+36 26	+15	6.30 R	.	K4III	−0.004	−0.002	.	− 21	.	.		
7584	19 54 8	+ 5 25	− 8 34	+16	6.02 H	.	gK5	−0.001	−0.018	.	− 50	.	.		
7585	19 55 5	+ 6 24	−33 2	+16	6.40 H	.	K0	−0.015	−0.003	.		.	.		
7586	19 56 58	+ 8 16	−57 55	+16	6.40 H	.	K5	−0.010	−0.038	.		.	.		
7587	19 57 6	+ 8 24	−58 54	+16	5.35 H	.	A0	+0.015	−0.023	+.016	− 2	.	.		
7588	19 58 52	+ 10 12	−68 46	+16	6.38	+0.16	A2	+0.036	−0.070	.		.	.		
7589	19 51 59	+ 3 1	+47 1	+15	5.60	−0.06	O9.5III	−0.008	−0.004	+.006	− 6	.	.		
7590	20 0 35	+ 11 33	−72 54	+16	3.95	−0.03	A0V	+0.077	−0.138	+.010	+ 0	.	.		
7591	19 52 7	+ 2 57	+47 55	+15	5.68 R	.	B2III	−0.010	−0.010	.	− 18	.	.		
7592	19 53 28	+ 4 15	+24 5	+16	4.47 R	−0.05	A0III	+0.022	+0.036	+.005	− 28V	3.5	.8		2
7593	19 54 38	+ 5 25	− 8 13	+16	5.70	−0.08	B5n	+0.003	−0.024	+.007	− 6V	1.0	36.1		*
7594	19 54 38	+ 5 25	− 8 14	+16	6.48	−0.04	B8n	+0.015	−0.026	.	− 5V?	1.0	36.1		*
7595	19 54 15	+ 4 51	+ 8 28	+16	4.73 R	.	K0III	+0.095	−0.082	+.020	− 42	.	.		
7596	19 54 44	+ 5 7	+ 0 17	+16	5.53 R	.	A0	+0.037	−0.012	.	− 42	.	.		
7597	19 55 50	+ 6 7	−26 18	+16	4.70	+0.76	dG5	+0.205	+0.079	+.055	− 21V	.	.		
7598	19 54 40	+ 4 53	+ 7 9	+16	5.93 R	.	A0	+0.028	−0.004	.	− 16	6.0	12.8		1
7599	19 55 20	+ 5 22	− 6 44	+16	6.45 H	.	F2	+0.030	−0.045	.010D		1.1	1.9		2
7600	19 53 1	+ 2 57	+47 49	+16	6.16 R	.	B0.5IIIp	−0.014	−0.012	.	− 65V	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
7601		+23 3829	188485	27574	4704.	12258			19 50 16	+24 3	61 35	− 1 52
7602	60 β AQL	+ 6 4357	188512	27587	4705.	12266	13110	VAR?	19 50 24	+ 6 9	46 8	−11 5
7603	μ¹ PAV	−67 3695	188584	27651	4706.				19 50 39	−67 13	328 57	−31 31
7604	59 SGR	−27 14399	188603	27605	4707.	12278			19 50 49	−27 26	14 3	−25 33
7605		−38 13776	188642	27619	.				19 51 7	−38 19	2 21	−28 45
7606		+36 3766	188650	27589	.	12269			19 51 9	+36 44	72 30	+ 4 37
7607		+29 3802	188651	27592	.	12272	13117		19 51 7	+29 56	66 42	+ 1 4
7608	23 CYG	+57 2084	188665	27571	.	12257			19 51 14	+57 16	90 33	+14 55
7609	10 S SGE	+16 4067	188727	27601	4710.	12275		S SGE	19 51 29	+16 22	55 10	− 6 7
7610	61 φ AQL	+11 4055	188728	27604	4711.	12277			19 51 30	+11 9	50 39	− 8 48
7611		+59 2137	188793	27581	.	12262			19 51 48	+59 27	92 35	+15 52
7612	μ² PAV	−67 3698	188887	27687	4714.	12329			19 52 9	−67 13	328 57	−31 40
7613	22 CYG	+38 3817	188892	27613	.	12283			19 52 17	+38 13	73 53	+ 5 12
7614	61 SGR	−15 5516	188899	27637	4715.	12301			19 52 17	−15 45	26 1	−21 32
7615	21 η CYG	+34 3798	188947	27622	4716.	12289	13149	VAR?	19 52 33	+34 49	71 1	+ 3 22
7616		+20 4351	188971	27630	.	12293			19 52 38	+20 44	59 3	− 4 4
7617		−30 17525	188981	27657	.				19 52 39	−30 48	10 37	−25 0
7618	60 SGR	−26 14682	189005	27658	4718.	12315			19 52 52	−26 28	15 13	−25 39
7619	24 ψ CYG	+52 2572	189037	27618	4719.	12286	13148		19 53 3	+52 10	86 6	+12 12
7620		+35 3878	189066	27632	.	12296			19 53 2	+35 59	72 4	+ 3 54
7621		−49 12949	189080	27678	.				19 53 3	−49 37	349 36	−31 11
7622	11 SGE	+16 4081	189090	27648	4723.	12311			19 53 13	+16 31	55 31	− 6 24
7623	θ¹ SGR	−35 13831	189103	27670	.	12318			19 53 14	−35 33	5 31	−28 28
7624	θ² SGR	−35 13832	189118	27676	4726.	12324	I		19 53 22	−34 58	6 10	−28 20
7625		−59 7564	189124	27704	4725.	12337		VAR?	19 53 19	−59 39	337 51	−31 57
7626		+57 2092	189127	27620	.	12287			19 53 23	+57 59	91 21	+15 0
7627		−43 13735	189140	27685	.				19 53 29	−43 19	356 51	−30 16
7628		+39 3968	189178	27649	.	12312			19 53 46	+40 6	75 39	+ 5 56
7629		−38 13802	189195	27683	.				19 53 38	−37 58	2 52	−29 9
7630		−45 13549	189198	27697	4727.				19 53 43	−45 23	354 30	−30 40
7631		−34 14082	189245	27693	4729.	12333			19 53 54	−33 58	7 17	−28 10
7632		+50 2930	189253	27644	.	12308			19 54 1	+50 38	84 49	+11 19
7633		+58 2013	189276	27635	4730.	12298			19 54 1	+58 35	91 56	+15 13
7634		+56 2331	189296	27641	.	12305			19 54 9	+56 25	89 59	+14 9
7635	12 γ SGE	+19 4229	189319	27672	4731.	12320			19 54 19	+19 13	57 58	− 5 12
7636		+ 0 4375	189322	27681	.	12327			19 54 18	+ 1 6	42 6	−14 25
7637		−10 5238	189340	27689	4733.	12331			19 54 21	−10 13	31 37	−19 39
7638		+41 3549	189377	27665	.	12316	13186		19 54 34	+41 59	77 21	+ 6 47
7639		−41 13807	189388	27723	.				19 54 38	−41 5	359 26	−30 2
7640		+30 3837	189395	27677	4734.1	12325			19 54 40	+30 43	67 46	+ 0 49
7641	14 VUL	+22 3872	189410	27688	4734.2	12330			19 54 53	+22 50	61 7	− 3 24
7642		+37 3703	189432	27679	.	12326	13198		19 54 58	+37 50	73 50	+ 4 33
7643		−23 15935	189561	27737	.	12359			19 55 27	−23 1	19 2	−25 1
7644		−67 3703	189567	27793	4738.	12398			19 55 32	−67 35	328 29	−31 57
7645	13 SGE	+17 4183	189577	27711	.	12341	13230	VZ SGE	19 55 32	+17 15	56 26	− 6 29
7646		+45 3025	189684	27709	.	12340			19 56 12	+45 30	80 32	+ 8 22
7647	25 CYG	+36 3806	189687	27724	.	12350			19 56 15	+36 46	73 4	+ 3 46
7648		+ 8 4300	189695	27739	.	12361			19 56 9	+ 8 17	48 44	−11 15
7649	63 SGR	−14 5618	189741	27758	4740.				19 56 23	−13 55	28 16	−21 41
7650	62 SGR	−28 16355	189763	27763	4741.	12379		VAR?	19 56 31	−27 59	13 55	−26 55

BS= HR	RA (2000)	$\Delta\alpha$ 100 YR	DEC (2000)	$\Delta\delta$ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
7601	19 54 31	+ 4 15	+24 19	+16	5.45 R	−0.02	A0III	+0.021	−0.002	+.011	− 8	.	.		
7602	19 55 19	+ 4 55	+ 6 24	+15	3.71	+0.86	G8IV	+0.039	−0.483	+.070	− 40	7.9	12.5		D
7603	20 0 23	+ 9 44	−66 57	+16	5.75	+1.04	gK0	−0.020	−0.200	+.028	+ 28	.	.		
7604	19 56 57	+ 6 8	−27 10	+16	4.54	+1.46	gK3	+0.007	−0.016	+.008	− 16V	.	.		
7605	19 57 47	+ 6 40	−38 3	+16	6.54	+0.40	dF2	+0.087	−0.083	.	− 31	.	.		
7606	19 54 48	+ 3 39	+37 0	+16	5.63 R	.	G p	+0.010	+0.019	.	− 24	.	.		
7607	19 55 6	+ 3 59	+30 12	+16	6.52	−0.08	B5V	+0.006	+0.016	.	− 12	2.3	10.8	3	
7608	19 53 17	+ 2 3	+57 32	+16	5.01 R	−0.13	B5V	+0.006	+0.012	.	− 25	.	.		
7609	19 56 2	+ 4 33	+16 38	+16	5.40	+0.80	F6Ib	−0.001	−0.007	+.006	− 10V	.	.		R
7610	19 56 14	+ 4 44	+11 25	+16	5.23 R	−0.02	A1V	+0.028	+0.006	+.019	− 27V	.	.		R
7611	19 53 35	+ 1 47	+59 43	+16	6.01 R	.	A0	+0.041	+0.060	.	− 13V	.	.		6
7612	20 1 53	+ 9 44	−66 57	+16	5.30	+1.22	gK0	+0.032	−0.076	+.017	+ 42	.	.		
7613	19 55 51	+ 3 34	+38 29	+16	4.93	−0.09	B6III	−0.005	+0.000	.	− 30V?	.	.		
7614	19 57 57	+ 5 40	−15 29	+16	5.05 H	.	A2IV	+0.013	−0.093	+.046	− 4V	.	.		
7615	19 59 1	+ 6 28	+35 5	+16	3.85 R	.	K0III	−0.036	−0.029	+.009	− 27	6.5	46.2	5	D
7616	19 57 0	+ 4 22	+21 0	+16	6.42 R	+0.06	A3III	−0.029	−0.025	.	+ 8	.	.		
7617	19 58 56	+ 6 17	−30 32	+16	6.24 H	.	K0	+0.086	−0.056	.		.	.		
7618	19 58 57	+ 6 5	−26 12	+16	4.84	+0.90	gG5	+0.034	+0.029	+.008	− 49V	.	.		6
7619	19 55 38	+ 2 35	+52 26	+16	4.78 R	.	A3IV-V	−0.040	−0.031	−.001	− 11	2.5	3.4		2
7620	19 56 44	+ 3 42	+36 15	+16	6.00	−0.10	B3	−0.001	+0.003	.	− 23	.	.		
7621	20 0 26	+ 7 23	−49 21	+16	6.25 H	.	gK0	−0.089	−0.016	.		.	.		
7622	19 57 45	+ 4 32	+16 47	+16	5.38 R	−0.07	B9IV	+0.006	+0.014	−.006	− 26	.	.		
7623	19 59 44	+ 6 30	−35 17	+16	4.35	−0.16	B3IV	+0.007	−0.030	.	+ 1V	.	.		R
7624	19 59 51	+ 6 29	−34 42	+16	5.34 H	.	A m?	+0.096	−0.077	+.025	− 18	5.5	30.	3	
7625	20 1 44	+ 8 25	−59 23	+16	5.12 H	.	gM6	+0.010	−0.033	−.001	− 10	.	.		
7626	19 55 22	+ 1 59	+58 15	+16	6.06 R	.	K0	+0.017	−0.072	.	− 17	.	.		
7627	20 0 26	+ 6 57	−43 3	+16	6.13	+1.64	M0III	+0.022	+0.012	.	− 34	.	.		
7628	19 57 14	+ 3 28	+40 22	+16	5.41	−0.06	B5Vp?	+0.001	−0.003	.	− 26V	.	.		R
7629	20 0 16	+ 6 38	−37 42	+16	6.00 H	.	gG8	+0.017	−0.020	.		.	.		
7630	20 0 48	+ 7 5	−45 7	+16	5.80	+0.28	A7III	−0.006	−0.004	+.012	+ 8V	.	.		
7631	20 0 20	+ 6 26	−33 42	+16	5.65	+0.49	F8V	+0.131	−0.308	+.042	− 6	.	.		6
7632	19 56 45	+ 2 44	+50 54	+16	6.22 R	.	A0	+0.001	+0.007	.	− 19	.	.		
7633	19 55 55	+ 1 54	+58 51	+16	4.80 R	.	K5II-III	−0.012	−0.021	+.004	+ 5	.	.		
7634	19 56 19	+ 2 10	+56 41	+16	6.09 R	.	A2	+0.018	+0.015	.	− 29	.	.		
7635	19 58 46	+ 4 27	+19 29	+16	3.56 R	.	K5III	+0.061	+0.024	+.011	− 33	.	.		G
7636	19 59 23	+ 5 5	+ 1 22	+16	6.21 R	.	G5	+0.018	+0.053	.	+ 6	.	.		
7637	19 59 47	+ 5 26	− 9 57	+16	5.88	+0.58	G0V	−0.278	−0.398	+.037	+ 23	.	.		
7638	19 57 56	+ 3 22	+42 15	+16	6.38 R	.	A2	−0.004	−0.004	.003D	− 6	1.8	.4	3	*
7639	20 1 26	+ 6 48	−40 49	+16	6.50 H	.	A2	−0.017	−0.038	.		.	.		
7640	19 58 38	+ 3 58	+30 59	+16	5.48	−0.06	B9III	+0.027	−0.002	+.036	− 7	.	.		
7641	19 59 10	+ 4 17	+23 6	+16	5.63 R	.	F0	−0.076	+0.005	+.019	− 38V	.	.		6
7642	19 58 34	+ 3 36	+38 6	+16	6.29	−0.07	B5	+0.005	−0.006	.004D	− 14	1.1	2.4		2
7643	20 1 23	+ 5 56	−22 45	+16	6.08 H	.	dG7	+0.014	−0.010	.	+ 8	.	.		
7644	20 5 32	+ 10 0	−67 19	+16	6.06	+0.64	G2V	+0.839	−0.684	+.047	− 14	.	.		
7645	20 0 3	+ 4 31	+17 31	+16	5.39 R	.	gM4	−0.001	−0.014	.	− 17	6.2	29.0		
7646	19 59 20	+ 3 8	+45 46	+16	5.78 R	.	A2	+0.015	−0.023	.	+ 6	.	.		
7647	19 59 55	+ 3 40	+37 2	+16	5.20	−0.17	B3Ve	−0.002	+0.003	.	− 4V	.	.		6
7648	20 0 59	+ 4 50	+ 8 34	+17	5.91 R	.	gK5	+0.003	−0.009	.	− 40	.	.		
7649	20 1 59	+ 5 36	−13 38	+17	5.76 H	.	A2	+0.034	+0.018	+.014		.	.		
7650	20 2 40	+ 6 9	−27 42	+17	4.46	+1.61	M4III	+0.034	+0.016	+.020	+ 10	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
7651		+51 2728	189775	27720	.	12345			19 56 36	+51 47	86 2	+11 32
7652		−38 13828	189831	27779	4743.	12393			19 56 55	−38 13	2 46	−29 50
7653	15 VUL	+27 3587	189849	27753	4744.	12373			19 56 59	+27 29	65 18	− 1 20
7654		+63 1584	189900	27716	.	12343			19 57 14	+63 16	96 25	+17 5
7655		+36 3820	189942	27760	.	12378			19 57 35	+36 49	73 15	+ 3 34
7656		+24 3975	189944	27764	.	12381			19 57 30	+24 31	62 51	− 3 1
7657	16 VUL	+24 3977	190004	27768	.	12385	13277		19 57 47	+24 39	63 0	− 3 0
7658		−22 5318	190009	27801	.	12401			19 57 49	−22 53	19 23	−25 28
7659		−32 15682	190056	27811	4748.	12408	I		19 57 59	−32 20	9 21	−28 32
7660	26 CYG	+49 3158	190147	27770	4752.	12387	13278A		19 58 32	+49 50	84 30	+10 17
7661		− 7 5159	190172	27814	.				19 58 38	− 7 45	34 27	−19 30
7662		+18 4365	190211	27808	.	12404			19 58 47	+18 14	57 41	− 6 37
7663		−66 3473	190222	27882	.				19 58 55	−66 39	329 33	−32 22
7664		+15 4033	190229	27812	4753.	12409			19 58 55	+15 45	55 34	− 7 58
7665	δ PAV	−66 3474	190248	27886	4754.	12460		VAR?	19 58 55	−66 26	329 49	−32 23
7666		+69 1084	190252	27748	.	12369			19 58 56	+70 5	102 54	+20 3
7667	62 AQL	− 1 3887	190299	27832	4755.	12423			19 59 14	− 0 59	40 50	−16 30
7668		−33 14700	190306	27851	.	12440	I		19 59 9	−33 17	8 23	−29 2
7669	63 τ AQL	+ 6 4416	190327	27824	4757.	12416			19 59 15	+ 7 0	48 0	−12 33
7670		+29 3872	190360	27820	4759.	12413			19 59 31	+29 38	67 25	+ 0 39
7671		−12 5641	190390	27850	.	12439			19 59 34	−11 53	30 36	−21 32
7672	15 SGE	+16 4121	190406	27835	4760.	12424			19 59 37	+16 48	56 34	− 7 33
7673	ξ TEL	−53 9794	190421	27879	4763.	12456			19 59 44	−53 10	345 33	−32 34
7674		−55 9317	190422	27884	.				19 59 43	−55 18	343 1	−32 41
7675	65 SGR	−13 5569	190454	27859	.				19 59 53	−12 57	29 35	−22 3
7676	64 DR A	+64 1405	190544	27806	4764.	12403			20 0 25	+64 32	97 46	+17 23
7677		+22 3913	190590	27864	.	12447			20 0 40	+22 55	61 54	− 4 29
7678		+31 3925	190603	27858	.	12445	13335		20 0 41	+31 56	69 29	+ 0 24
7679	16 η SGE	+19 4277	190608	27868	4766.	12451			20 0 43	+19 42	59 10	− 6 14
7680		+15 4040	190658	27872	.	12453	13344		20 0 50	+15 13	55 22	− 8 38
7681		− 4 5013	190664	27880	.				20 0 56	− 4 22	37 55	−18 28
7682	65 DRA	+64 1407	190713	27829	.	12421			20 1 14	+64 21	97 38	+17 13
7683		+38 3896	190771	27876	4767.3	12455	13348		20 1 31	+38 12	74 51	+ 3 39
7684		+47 3004	190781	27869	.	12452			20 1 29	+47 57	83 7	+ 8 53
7685	67 ρ DRA	+67 1222	190940	27856	4773.	12443			20 2 22	+67 35	100 42	+18 38
7686	69 DRA	+76 771	190960	27809	.	12405			20 2 25	+76 12	108 56	+22 29
7687		+51 2763	190964	27885	.	12458			20 2 24	+51 33	86 19	+10 39
7688	17 VUL	+23 3896	190993	27910	.	12478			20 2 36	+23 20	62 29	− 4 38
7689	27 CYG	+35 3959	191026	27904	4774.	12473			20 2 39	+35 42	72 52	+ 2 6
7690	64 AQL	− 1 3899	191067	27930	.	12490			20 2 52	− 0 58	41 18	−17 17
7691		−57 9622	191095	27966	.		I		20 3 0	−57 49	340 2	−33 11
7692		+55 2324	191096	27899	.	12470			20 3 5	+56 3	90 18	+12 54
7693		+ 8 4344	191104	27929	.	12489	13403		20 3 1	+ 9 6	50 20	−12 17
7694		−10 5285	191110	27939	.	12497			20 3 3	−10 21	32 29	−21 38
7695		+63 1593	191174	27894	.	12466	13371		20 3 29	+63 36	97 5	+16 38
7696		+16 4153	191178	27940	.	12498			20 3 33	+16 22	56 42	− 8 35
7697		+52 2623	191195	27912	4779.	12482			20 3 36	+52 52	87 33	+11 11
7698		−83 695	191220	28176	.				20 3 34	−83 37	310 0	−29 36
7699		+34 3881	191243	27938	.				20 3 52	+34 8	71 41	+ 1 2
7700		+10 4189	191263	27951	.	12501			20 3 52	+10 26	51 37	−11 46

BS= HR	RA (2000)	$\Delta\alpha$ 100 YR	DEC (2000)	$\Delta\delta$ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
7651	19 59 15	+ 2 39	+52 3	+16	6.02 R	.	B8	+0.010	+0.004	.	− 16	.	.		
7652	20 3 33	+ 6 38	−37 56	+17	4.76	+1.41	gK5	+0.065	−0.088	+.012	− 38	.	.		G
7653	20 1 6	+ 4 7	+27 46	+17	4.67 R	.	A m	+0.054	+0.006	+.025	− 21V	.	.		R
7654	19 58 29	+ 1 15	+63 32	+16	5.94 R	.	A0	−0.007	−0.025	.	− 9	.	.		
7655	20 1 15	+ 3 40	+37 6	+17	6.26 R	.	K0	+0.040	+0.049	.	− 16	.	.		
7656	20 1 44	+ 4 14	+24 48	+17	5.72 R	−0.11	B5IV	+0.000	−0.004	.	− 15	.	.		
7657	20 2 1	+ 4 14	+24 56	+17	5.21 R	.	F5II	+0.083	+0.068	.004D	− 33	.4	.9		2
7658	20 3 44	+ 5 55	−22 36	+17	6.48 H	.	dF7	−0.044	+0.020	.	+ 6	.	.		
7659	20 4 19	+ 6 20	−32 3	+17	5.05 H	.	gK1	+0.039	−0.005	+.002	− 12	7.0	51.3		
7660	20 1 22	+ 2 50	+50 7	+17	5.18 R	+1.10	K1II-III	+0.014	+0.002	+.014	+ 1	3.2	41.9	4	
7661	20 4 1	+ 5 23	− 7 28	+17	6.50 H	.	A5	+0.009	−0.047	.		.	.		
7662	20 3 16	+ 4 29	+18 31	+17	6.00 R	.	K3II-III	+0.010	−0.034	.	+ 9	.	.		
7663	20 8 26	+ 9 31	−66 22	+17	6.44	+1.58	K5	−0.008	−0.008	.		.	.		
7664	20 3 29	+ 4 34	+16 2	+17	5.50 R	−0.13	B8II-III	−0.003	−0.007	+.005	− 22V?	.	.		
7665	20 8 43	+ 9 48	−66 11	+15	3.55	+0.76	G8V	+1.187	−1.145	+.170	− 22	.	.		
7666	19 58 41	− 0 15	+70 22	+17	6.35 R	.	G8III	+0.043	+0.062	.	− 10	.	.		
7667	20 4 23	+ 5 9	− 0 42	+17	5.84 H	.	gK4	−0.001	−0.118	+.010	+ 0	.	.		
7668	20 5 32	+ 6 23	−33 0	+17	6.55 H	.	B8	+0.015	−0.019	.	− 18	1.8	.8		2
7669	20 4 8	+ 4 53	+ 7 17	+17	5.52 R	.	gK0	+0.015	+0.014	+.000	− 28	.	.		
7670	20 3 38	+ 4 7	+29 54	+16	5.70	+0.74	G6IV	+0.676	−0.530	+.046	− 46	.	.		
7671	20 5 5	+ 5 31	−11 36	+17	6.46 H	.	gF4	−0.007	−0.012	.	− 12	.	.		
7672	20 4 6	+ 4 29	+17 4	+16	5.80	+0.61	dG1	−0.402	−0.415	+.060	+ 4	.	.		
7673	20 7 23	+ 7 39	−52 53	+17	4.93	+1.62	M2III	−0.014	+0.002	+.008	+ 36V?	.	.		6
7674	20 7 35	+ 7 52	−55 1	+17	6.25	+0.53	dF8	+0.015	+0.022	.		.	.		
7675	20 5 26	+ 5 33	−12 40	+17	6.41 H	.	A0	+0.004	−0.049	.		.	.		
7676	20 1 28	+ 1 3	+64 49	+17	5.23 R	.	gM1	+0.005	−0.012	+.006	− 34	.	.		
7677	20 4 58	+ 4 18	+23 12	+17	6.38 R	.	A3	+0.001	−0.004	.	− 22	.	.		
7678	20 4 36	+ 3 55	+32 13	+17	5.60	+0.57	B1.5Ia	−0.017	−0.014	.	+ 21	5.6	30.8		1
7679	20 5 9	+ 4 26	+19 59	+17	5.08 R	.	K2III	+0.024	+0.079	+.031	− 40	.	.		
7680	20 5 26	+ 4 36	+15 30	+17	5.38 R	.	M2III	+0.027	+0.018	.	−112	4.4	3.1		*
7681	20 6 12	+ 5 16	− 4 5	+17	6.56 H	.	K0	+0.040	−0.044	.		.	.		
7682	20 2 21	+ 1 7	+64 38	+17	6.54 R	.	gG7	+0.043	+0.010	.	+ 9	.	.		
7683	20 5 10	+ 3 39	+38 29	+17	6.45 R	.	G5	+0.255	+0.106	+.045	− 24	6.6	12.4		1
7684	20 4 28	+ 2 59	+48 14	+17	5.98 R	.	A0	+0.006	+0.001	.	− 14	.	.		
7685	20 2 49	+ 0 27	+67 52	+17	4.54 R	.	K3III	+0.013	+0.049	+.013	− 9	.	.		
7686	19 59 37	− 2 48	+76 29	+17	6.22 R	.	M3III	−0.028	−0.057	.	− 69	.	.		
7687	20 5 7	+ 2 43	+51 50	+17	6.12 R	.	M1	+0.025	+0.032	.	− 56	.	.		
7688	20 6 54	+ 4 18	+23 37	+17	4.96 R	.	B3V	+0.010	+0.001	.	− 5	.	.		
7689	20 6 22	+ 3 43	+35 59	+17	5.33	+0.85	K0IV	−0.232	−0.438	+.030	− 34	.	.		
7690	20 8 2	+ 5 10	− 0 41	+17	6.04 H	.	gK1	+0.111	−0.070	.	− 4	.	.		
7691	20 11 7	+ 8 7	−57 31	+18	6.36	+0.06	A0	−0.003	−0.027	.		.6	.8		2
7692	20 5 21	+ 2 16	+56 20	+17	6.11 R	.	gF4	−0.007	+0.078	.	− 12	.	.		
7693	20 7 50	+ 4 49	+ 9 23	+17	6.32BR	.	F5	+0.041	+0.022	.015D	− 27V?	2.1	4.7		*
7694	20 8 31	+ 5 28	−10 4	+17	6.17 H	.	A0	+0.001	−0.041	.	− 16V	.	.		R
7695	20 4 44	+ 1 15	+63 53	+17	6.15 R	.	A2	+0.005	+0.044	.023D	− 19	3.9	5.5		2
7696	20 8 7	+ 4 34	+16 39	+17	6.50 R	.	gM3	+0.000	−0.004	.	+ 11	.	.		
7697	20 6 14	+ 2 38	+53 10	+18	5.66 R	.	dF4	+0.215	+0.257	+.021	− 41	.	.		
7698	20 24 55	+ 21 21	−83 19	+18	6.16	+0.20	A2	+0.023	+0.013	.		.	.		
7699	20 7 42	+ 3 50	+34 25	+17	6.07	+0.16	B5Ib	−0.012	−0.017	.		.	.		
7700	20 8 38	+ 4 46	+10 43	+17	6.23 R	.	B3V	−0.009	−0.007	.	− 38	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
7701	66 DRA	+61 1970	191277	27911	4781.1	12480			20 3 57	+61 42	95 23	+15 39
7702		+49 3195	191329	27937	.	12496			20 4 20	+49 56	85 5	+ 9 32
7703		−36 13940	191408	27992	4782.	12521	I		20 4 38	−36 21	5 17	−30 54
7704		+67 11226	191372	27909	.	12476			20 4 28	+67 45	100 57	+18 32
7705	17 θ SGE	+20 4453	191571	27987	4786.	12519	13442A		20 5 32	+20 37	60 34	− 6 41
7706		−43 13855	191584	28017	.				20 5 32	−43 4	357 35	−32 23
7707		−63 4571	191603	28048	.				20 5 33	−63 43	332 58	−33 17
7708	28 CYG	+36 3907	191610	27980	.	12514			20 5 43	+36 33	73 55	+ 2 3
7709		− 9 5382	191639	27998	.	12530			20 5 45	− 9 9	33 57	−21 42
7710	65 θ AQL	− 1 3911	191692	28010	4790.	12537			20 6 9	− 1 7	41 35	−18 5
7711	18 VUL	+26 3815	191747	27999	4791.	12531			20 6 23	+26 36	65 42	− 3 34
7712	1 CAP	−12 5664	191753	28026	.	12548			20 6 25	−12 41	30 35	−23 23
7713		+20 4462	191814	28013	.	12541			20 6 39	+20 51	60 54	− 6 47
7714		−52 11643	191829	28063	4795.				20 6 44	−52 45	346 7	−33 35
7715	2 ξ CAP	−13 5608	191862	28035	4796.	12557			20 6 52	−12 55	30 24	−23 35
7716		+21 4088	191877	28024	.	12546			20 6 59	+21 35	61 34	− 6 26
7717		+ 0 4444	191984	28051	.	12564	13506A		20 7 29	+ 0 34	43 17	−17 33
7718	19 VUL	+26 3825	192004	28037	.	12558			20 7 37	+26 31	65 47	− 3 51
7719	20 VUL	+26 3828	192044	28042	.	12561			20 7 49	+26 11	65 32	− 4 4
7720	66 AQL	− 1 3920	192107	28068	4801.	12576			20 8 4	− 1 19	41 38	−18 36
7721		+47 3045	192276	28062	.				20 9 0	+47 26	83 22	+ 7 32
7722		−27 14659	192310	28104	4804.	12602		VAR?	20 9 3	−27 20	15 37	−29 21
7723		+23 3935	192342	28084	.	12585	13543		20 9 23	+23 56	63 51	− 5 36
7724	67 ρ AQL	+14 4227	192425	28097	4806.	12597			20 9 39	+14 54	56 14	−10 36
7725		−30 17773	192433	28127	.				20 9 38	−30 19	12 22	−30 21
7726		+51 2796	192439	28077	.	12583	13535		20 9 45	+51 10	86 36	+ 9 28
7727	68 DRA	+61 1983	192455	28071	4807.	12579			20 9 57	+61 47	95 50	+15 5
7728		−36 14011	192472	28139	.		I	VAR?	20 9 53	−36 46	5 5	−32 1
7729		−35 14020	192486	28143	.				20 10 0	−35 30	6 32	−31 45
7730	30 CYG	+46 2881	192514	28091	4810.	12594	13554D	VAR?	20 10 9	+46 31	82 42	+ 6 52
7731	21 VUL	+28 3675	192518	28105	4809.	12604			20 10 8	+28 23	67 39	− 3 16
7732		−63 4576	192531	28184	.				20 10 14	−63 32	333 8	−33 49
7733		+42 3642	192535	28098	.	12598	13555		20 10 21	+43 4	79 51	+ 4 55
7734		+36 3949	192538	28106	.	12606			20 10 20	+36 18	74 14	+ 1 8
7735	31 o^1 CYG	+46 2882	192577	28099	4811.	12599	13554A	V695 CYG	20 10 29	+46 26	82 40	+ 6 47
7736	29 CYG	+36 3955	192640	28124	4812.	12617			20 10 47	+36 30	74 27	+ 1 11
7737		+41 3668	192659	28123	.		13572		20 10 55	+41 48	78 51	+ 4 8
7738	3 CAP	−12 5680	192666	28149	.		13600		20 10 51	−12 39	31 6	−24 21
7739		+25 4165	192685	28140	.	12625	13589		20 11 2	+25 17	65 11	− 5 10
7740	33 CYG	+56 2376	192696	28108	4815.	12607			20 11 4	+56 16	91 5	+12 4
7741	22 VUL	+23 3944	192713	28144	4816.	12628			20 11 11	+23 12	63 28	− 6 21
7742		+60 2099	192781	28120	.	12615			20 11 37	+60 20	94 40	+14 9
7743		+33 3827	192787	28145	.	12630	13596		20 11 31	+33 26	72 0	+ 0 41
7744	23 VUL	+27 3666	192806	28152	4819.	12634			20 11 37	+27 30	67 6	− 4 2
7745		−48 13509	192827	28202	.				20 11 46	−48 2	351 51	−34 5
7746	18 SGE	+21 4130	192836	28166	.	12643			20 11 56	+21 17	61 57	− 7 34
7747	5 α^1 CAP	−12 5683	192876	28189	4822.	12659	13632		20 12 6	−12 49	31 5	−24 42
7748	4 CAP	−22 5384	192879	28195	4823.	12663			20 12 9	−22 7	21 30	−28 18
7749		−47 13340	192886	28213	4823.1				20 12 7	−47 53	352 2	−34 7
7750	1 κ CEP	+77 764	192907	28066	4824.	12575	13524		20 12 16	+77 25	110 23	+22 30

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
7701	20 5 32	+ 1 35	+61 59	+17	5.40 R	.	K3III	+0.120	+0.073	+.040	+ 6	.	.		
7702	20 7 11	+ 2 51	+50 13	+17	6.46 R	.	A2	+0.013	−0.022	.	+ 3	.	.		
7703	20 11 12	+ 6 34	−36 6	+15	5.32	+0.87	K3V	+0.448	−1.570	+.174	−131	6.7	9.2		D
7704	20 4 54	+ 0 26	+68 1	+16	5.39 R	.	M1	−0.019	−1.010	.	− 42	.	.		
7705	20 9 57	+ 4 25	+20 55	+18	6.48	+0.38	dF1	+0.049	+0.099	+.007	− 43	1.1	81.1	3	D
7706	20 12 24	+ 6 52	−42 46	+18	6.21	+1.23	K2III	−0.016	−0.118	.	− 1	.	.		
7707	20 14 26	+ 8 53	−63 25	+18	6.08	+0.32	A6	−0.038	+0.027	.		.	.		
7708	20 9 26	+ 3 43	+36 51	+18	4.98	−0.16	B3Ve	−0.002	+0.013	.	− 14V	.	.		R
7709	20 11 10	+ 5 25	− 8 51	+18	6.45 H	.	B1V	+0.003	+0.000	.	− 7	.	.		
7710	20 11 18	+ 5 9	− 0 49	+18	3.24	−0.06	B9.5III	+0.034	+0.005	+.008	− 27V	.	.		R
7711	20 10 33	+ 4 10	+26 54	+18	5.48	+0.08	A3III	+0.015	+0.013	−.002	− 12V	.	.		*
7712	20 11 57	+ 5 32	−12 23	+18	6.44 H	.	K0III	−0.010	−0.016	.	+ 1	.	.		
7713	20 11 3	+ 4 24	+21 9	+18	6.12 R	.	K0	+0.013	+0.032	.	− 7	.	.		
7714	20 14 19	+ 7 35	−52 27	+18	5.69 H	.	K5	+0.020	−0.045	+.013	+ 12V	.	.		
7715	20 12 26	+ 5 34	−12 37	+18	5.88 H	.	F8V	+0.192	−0.193	+.038	+ 23	.	.		
7716	20 11 21	+ 4 22	+21 53	+18	6.10 R	.	B1Ib	−0.006	+0.005	.	− 18	.	.		
7717	20 12 35	+ 5 6	+ 0 52	+18	6.16 R	.	A p	+0.006	−0.013	.009D	− 19	.3	3.9		2
7718	20 11 48	+ 4 11	+26 49	+18	5.44	+1.41	K3II-III	+0.003	−0.010	.	− 23	.	.		G
7719	20 12 1	+ 4 12	+26 29	+18	5.87	−0.12	B7Ve?	+0.003	−0.011	.	− 22V	.	.		G
7720	20 13 14	+ 5 10	− 1 1	+18	5.64 H	.	gK5	+0.018	−0.028	+.021	− 28	.	.		
7721	20 12 4	+ 3 4	+47 44	+18	6.55 R	−0.12	B8	+0.011	+0.002	.	− 19V	.	.		
7722	20 15 17	+ 6 14	−27 2	+18	5.73	+0.88	K0V	+1.241	−0.182	+.116	− 55	.	.		6
7723	20 13 40	+ 4 17	+24 14	+18	6.45 R	+0.26	A m	+0.045	+0.030	.011D	− 37	3.1	2.5		*
7724	20 14 17	+ 4 38	+15 12	+18	4.90 R	+0.04	A2V	+0.052	+0.054	+.020	− 23V?	.	.		
7725	20 15 51	+ 6 13	−30 1	+18	6.38 H	.	K2	+0.043	+0.001	.		.	.		
7726	20 12 32	+ 2 47	+51 28	+18	6.12 R	.	gK1	−0.015	−0.015	.	+ 13	5.5	4.1	5	D
7727	20 11 35	+ 1 38	+62 5	+18	5.67 R	.	dF5	+0.121	+0.082	+.028	− 15	.	.		
7728	20 16 23	+ 6 30	−36 28	+18	6.48 H	.	M4	+0.007	−0.042	.		5.7	38.0	3	
7729	20 16 27	+ 6 27	−35 12	+18	6.60 H	.	dF4	+0.007	+0.081	.	− 8	.	.		
7730	20 13 18	+ 3 9	+46 49	+18	4.93 R	.	A3III	+0.007	−0.003	+.002	− 21	1.3	338.5	5	
7731	20 14 14	+ 4 6	+28 41	+18	5.12 R	.	A3	+0.009	−0.022	+.007	+ 5	.	.		
7732	20 19 3	+ 8 49	−63 14	+18	6.32 H	.	gK0	−0.014	−0.086	.		.	.		
7733	20 13 43	+ 3 22	+43 22	+18	6.11 R	.	K4III	−0.015	+0.005	.	− 24	6.5	9.4		
7734	20 14 5	+ 3 45	+36 36	+18	6.38 R	−0.01	A0III	+0.019	+0.001	.	− 20	.	.		
7735	20 13 38	+ 3 9	+46 44	+18	3.73	+1.25	cK1p	+0.000	+0.000	−.007	− 7V	2.8	107.2	5	*
7736	20 14 32	+ 3 45	+36 48	+18	4.89 R	+0.15	A2p	+0.064	+0.068	+.033	− 17	.	.		
7737	20 14 22	+ 3 27	+42 6	+18	6.41 R	−0.04	B8	+0.000	−0.022	.		.2	1.0	3	D
7738	20 16 23	+ 5 32	−12 21	+18	6.41 H	+0.01	B9	+0.006	−0.012	.		7.3	27.1	3	
7739	20 15 16	+ 4 14	+25 35	+18	4.83 R	.	B3V	+0.003	−0.006	.	− 2V	4.1	1.2		4
7740	20 13 23	+ 2 19	+56 34	+18	4.27 R	.	A3IV-V	+0.061	+0.082	+.016	− 26V	.	.		6
7741	20 15 30	+ 4 19	+23 30	+18	5.20 R	.	G2Ib	−0.006	−0.016	+.003	− 23V	.	.		R
7742	20 13 27	+ 1 50	+60 38	+18	5.95 R	.	gK5	+0.042	+0.057	.	− 1	.	.		
7743	20 15 24	+ 3 53	+33 44	+18	5.65 R	.	gG6	−0.046	−0.108	.	− 10	8.0	2.8		3
7744	20 15 46	+ 4 9	+27 48	+18	4.58 R	.	K3III	−0.041	+0.008	+.007	+ 3	.	.		
7745	20 18 56	+ 7 10	−47 43	+19	6.28 H	.	c?K6	+0.008	+0.000	.		.	.		
7746	20 16 20	+ 4 24	+21 35	+18	6.15	+1.03	K1III	−0.004	−0.026	.	− 4	.	.		G
7747	20 17 38	+ 5 32	−12 30	+19	4.22	+1.06	G3Ib	+0.016	+0.004	+.002	− 26V	5.0	45.5	3	
7748	20 18 1	+ 5 52	−21 48	+19	5.96 H	.	G8IV	+0.033	−0.032	+.032	− 18	.	.		
7749	20 19 18	+ 7 11	−47 35	+18	6.12	+0.46	dF6	+0.196	−0.186	+.019	− 31	.	.		
7750	20 8 53	− 3 23	+77 43	+18	4.38 R	−0.05	B9III	+0.009	+0.026	−.002	− 23	4.0	7.6		2

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
7751	32 o^2 CYG	+47 3059	192909	28160	4826.	12638		o^2 CYG	20 12 23	+47 24	83 40	+ 7 3
7752		+38 3977	192934	28169	.	12645			20 12 25	+38 35	76 21	+ 2 5
7753	24 VUL	+24 4075	192944	28183	4828.	12654			20 12 30	+24 22	64 36	− 5 57
7754	6 α^2 CAP	−12 5685	192947	28200	4829.	12666	13645		20 12 30	−12 51	31 6	−24 48
7755		+49 3236	192983	28171	.	12646			20 12 49	+49 55	85 49	+ 8 23
7756		+45 3119	192985	28174	.	12648			20 12 46	+45 16	81 55	+ 5 48
7757		+36 3978	192987	28180	.	12653			20 12 44	+36 45	74 52	+ 1 0
7758		−55 9365	193002	28241	.				20 12 46	−55 22	342 59	−34 32
7759		+39 4114	193092	28197	4831.	12664	13640	VAR?	20 13 22	+40 3	77 40	+ 2 46
7760		+28 3695	193094	28208	.	12669	13648		20 13 26	+28 50	68 26	− 3 37
7761	7 σ CAP	−19 5776	193150	28233	4832.	12677	13675		20 13 37	−19 26	24 28	−27 39
7762		+42 3670	193217	28214	.	12672			20 14 4	+42 25	79 41	+ 4 0
7763	34 P CYG	+37 3871	193237	28218	4837.	12673		P CYG	20 14 6	+37 43	75 49	+ 1 19
7764		−29 16981	193281	28269	.		13702		20 14 18	−29 30	13 37	−31 6
7765		−36 14057	193302	28274	.				20 14 25	−35 59	6 13	−32 44
7766		−50 12929	193307	28291	4839.				20 14 25	−50 18	349 9	−34 40
7767		+40 4103	193322	28228	4841.	12676	13672		20 14 34	+40 25	78 6	+ 2 47
7768		− 1 3951	193329	28256	.				20 14 33	− 1 23	42 24	−20 3
7769	36 CYG	+36 3998	193369	28239	.	12678			20 14 44	+36 41	75 3	+ 0 38
7770	35 CYG	+34 3967	193370	28242	4843.	12680		VAR?	20 14 49	+34 40	73 24	+ 0 32
7771		+12 4289	193373	28257	.	12686			20 14 48	+12 54	55 13	−12 44
7772		− 6 5451	193429	28278	.				20 15 7	− 6 40	37 28	−22 40
7773	8 ν CAP	−13 5642	193432	28282	4844.	12695	13714		20 15 7	−13 4	31 10	−25 28
7774		+13 4360	193472	28275	.	12694			20 15 19	+13 14	55 34	−12 40
7775		−15 5626	193452	28286	.		13717		20 15 9	−15 6	29 7	−26 18
7776	9 β CAP	−15 5629	193495	28295	4845.	12703			20 15 24	−15 6	29 8	−26 22
7777		+45 3139	193536	28261	.	12689		VAR?	20 15 37	+46 0	82 49	+ 5 48
7778		+14 4263	193556	28288	.	12700			20 15 42	+14 15	56 30	−12 11
7779	κ^1 SGR	−42 14836	193571	28309	4846.	12709	I		20 15 40	−42 22	358 45	−34 7
7780		+17 4294	193579	28292	.	12702			20 15 49	+17 29	59 16	−10 26
7781		+54 2329	193592	28258	4847.	12687	13692		20 15 57	+55 5	90 27	+10 50
7782		+36 4008	193621	28284	.	12698			20 16 4	+36 49	75 18	+ 0 29
7783		+66 1281	193664	28252	4849.	12685			20 16 32	+66 32	100 27	+16 55
7784		+38 4021	193702	28299	.	12704	13728		20 16 38	+39 5	77 14	+ 1 42
7785		−81 901	193721	28453	.		I		20 16 39	−81 18	312 25	−30 41
7786		+46 2910	193722	28297	.				20 16 45	+46 31	83 21	+ 5 56
7787	κ^2 SGR	−42 14847	193807	28341	4851.	12726	I		20 17 5	−42 45	358 20	−34 26
7788		−10 5369	193896	28332	.				20 17 34	− 9 58	34 33	−24 41
7789	25 VUL	+23 3986	193911	28325	4854.	12719			20 17 45	+24 8	65 5	− 7 5
7790	α PAV	−57 9674	193924	28374	.	12742		VAR?	20 17 44	−57 3	340 55	−35 11
7791		+53 2384	193944	28311	.	12710	13743		20 17 51	+53 16	89 4	+ 9 36
7792	71 DRA	+61 2000	193964	28304	.	12707			20 17 57	+61 56	96 29	+14 22
7793		+14 4275	194012	28343	4855.1	12727			20 18 12	+14 13	56 48	−12 43
7794		+ 4 4434	194013	28351	4856.	12731			20 18 13	+ 5 1	48 44	−17 37
7795		+40 4136	194069	28330	.	12721			20 18 31	+40 48	78 50	+ 2 23
7796	37 γ CYG	+39 4159	194093	28338	4857.	12723	13765	VAR?	20 18 38	+39 56	78 9	+ 1 52
7797		+30 4005	194097	28347	.	12729			20 18 36	+30 56	70 48	− 3 20
7798		+45 3152	194152	28339	.	12724		VAR?	20 18 50	+45 28	82 41	+ 5 2
7799		−41 14024	194184	28395	.				20 19 7	−41 7	0 21	−34 34
7800		+40 4141	194193	28356	.	12733			20 19 12	+40 42	78 50	+ 2 13

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
7751	20 15 28	+ 3 5	+47 42	+18	3.90	+1.52	K0+A3	−0.004	+0.005	+.008	− 14V	.	.		R
7752	20 16 3	+ 3 38	+38 53	+18	6.11 R	+0.01	B9.5Vp	−0.006	−0.038	.	+ 4	.	.		
7753	20 16 47	+ 4 17	+24 40	+18	5.32 R	.	G8III	+0.011	−0.018	−.012	+ 15	.	.		
7754	20 18 3	+ 5 33	−12 32	+19	3.55	+0.94	G9III	+0.060	+0.005	+.033	+ 0	5.7	154.9	4	D
7755	20 15 44	+ 2 55	+50 13	+18	6.28 R	.	A0	+0.020	+0.008	.	− 28	.	.		
7756	20 16 0	+ 3 14	+45 34	+18	5.74 R	.	F5	+0.003	−0.054	.	− 40	.	.		
7757	20 16 28	+ 3 44	+37 4	+19	6.31 R	.	B7	+0.008	+0.000	.	− 6	.	.		
7758	20 20 33	+ 7 47	−55 3	+19	6.16 H	.	K5	+0.007	−0.050	.		.	.		
7759	20 16 55	+ 3 33	+40 22	+19	5.34 R	.	K5II	−0.001	−0.004	+.007	− 20	6.3	12.8		
7760	20 17 32	+ 4 6	+29 9	+19	6.25 R	.	G9III	−0.016	+0.032	.009D	− 20	4.5	6.0		2
7761	20 19 23	+ 5 46	−19 7	+19	5.46 H	.	K3II	+0.004	−0.007	+.017	− 11	6.5	56.0		
7762	20 17 30	+ 3 26	+42 44	+19	6.31 R	.	K4II	+0.009	−0.001	.	− 17	.	.		
7763	20 17 47	+ 3 41	+38 2	+19	4.83	+0.42	B p	−0.009	−0.005	+.001	− 9	.	.		*
7764	20 20 28	+ 6 10	−29 11	+19	6.32 H	.	A2	+0.026	+0.002	.		1.6	27.4	3	
7765	20 20 52	+ 6 27	−35 40	+19	6.51 H	.	K2	+0.030	+0.037	.		.	.		
7766	20 21 40	+ 7 15	−49 59	+19	6.26	+0.55	G2IV-V	−0.359	−0.254	+.037	+ 16	.	.		
7767	20 18 7	+ 3 33	+40 44	+19	5.84	+0.11	O8	−0.003	−0.004	+.003	− 7V	2.2	2.8	3	D
7768	20 19 43	+ 5 10	− 1 4	+19	6.23 H	.	K0	+0.037	+0.033	.		.	.		
7769	20 18 29	+ 3 45	+37 0	+19	5.50 R	+0.06	A3V	+0.032	+0.024	.	− 9V	.	.		6
7770	20 18 39	+ 3 50	+34 59	+19	5.22	+0.66	F5Ib	+0.001	−0.009	+.006	− 14V	.	.		R
7771	20 19 29	+ 4 41	+13 13	+19	6.30 R	.	gM1	−0.035	−0.013	.	+ 23	.	.		
7772	20 20 26	+ 5 19	− 6 21	+19	6.66 H	.	K5	−0.082	−0.083	.		.	.		
7773	20 20 40	+ 5 33	−12 45	+19	4.75	−0.05	B9V	+0.013	−0.018	+.014	− 2	7.0	55.4		3
7774	20 20 0	+ 4 41	+13 33	+19	5.93 R	.	A5	+0.007	−0.006	.	− 8	.	.		
7775	20 20 46	+ 5 37	−14 47	+19	6.16 H	−0.02	B9	+0.039	+0.001	.		4.0	1.1	4	D
7776	20 21 1	+ 5 37	−14 47	+19	3.07	+0.79	F8V+A0	+0.039	+0.003	+.005	− 19V	2.9	205.	4	*
7777	20 18 49	+ 3 12	+46 19	+19	6.20 R	.	B2V	−0.009	+0.008	.	− 9V	.	.		R
7778	20 20 21	+ 4 39	+14 34	+19	6.32 R	.	G5	−0.012	+0.007	.	+ 8	.	.		
7779	20 22 27	+ 6 47	−42 3	+19	5.58	+0.00	A0V	+0.044	−0.093	+.039	− 17V	5.9	52.2	3	
7780	20 20 21	+ 4 32	+17 48	+19	5.85 R	.	gK5	+0.014	−0.035	.	− 33	.	.		
7781	20 18 25	+ 2 28	+55 24	+19	5.76	+0.10	A2	−0.009	−0.025	+.001	+ 1	1.4	3.4		*
7782	20 19 48	+ 3 44	+37 8	+19	6.45 R	.	A1III	+0.006	−0.012	.	− 17	.	.		
7783	20 17 31	+ 0 59	+66 51	+19	5.94	+0.58	G5V	+0.466	+0.298	+.066	− 5	.	.		
7784	20 20 15	+ 3 37	+39 24	+19	6.24	+0.05	A1V	−0.007	−0.023	.003D	− 1	2.0	.3	3	*
7785	20 33 18	+ 16 39	−80 58	+20	5.76	+1.14	K0	+0.019	−0.018	.		5.8	26.9		
7786	20 19 56	+ 3 11	+46 50	+19	6.18 R	−0.06	B9si	−0.004	+0.008	.		.	.		
7787	20 23 53	+ 6 48	−42 26	+19	5.63	+0.20	A3	−0.001	+0.022	+.011	+ 2	1.3	1.6		D
7788	20 23 0	+ 5 26	− 9 39	+19	6.34 H	.	G5	+0.038	−0.020	.		.	.		
7789	20 22 3	+ 4 18	+24 27	+19	5.43 R	−0.02	B1IVe	−0.005	−0.008	−.010	− 13	.	.		
7790	20 25 38	+ 7 54	−56 44	+19	1.93	−0.20	B3IV	+0.007	−0.087	.	+ 2V	.	.		R
7791	20 20 30	+ 2 39	+53 35	+19	6.23 R	.	K5	−0.020	+0.013	.	− 4	6.2	7.7	3	
7792	20 19 37	+ 1 40	+62 15	+19	5.62 R	−0.05	B9	+0.008	+0.026	.	− 25V	.	.		6
7793	20 22 52	+ 4 40	+14 32	+19	6.13 R	.	F5	+0.071	−0.003	+.031	+ 2	.	.		
7794	20 23 10	+ 4 57	+ 5 20	+19	5.26 R	.	G8III-IV	−0.031	−0.040	−.001	− 12	.	.		
7795	20 22 3	+ 3 32	+41 7	+19	6.32 R	.	G2II	−0.009	−0.032	.	− 4	.	.		
7796	20 22 13	+ 3 35	+40 15	+19	2.24 R	.	F8Ib	+0.001	+0.000	−.006	− 8	7.7	141.7	4	
7797	20 22 37	+ 4 1	+31 15	+19	5.99 R	.	K2	+0.000	−0.029	.	+ 12	.	.		
7798	20 22 6	+ 3 16	+45 47	+19	5.72 R	.	K0III	+0.023	+0.042	.	− 26V	.	.		6
7799	20 25 48	+ 6 41	−40 48	+19	6.11 H	.	K0	−0.104	−0.092	.		.	.		
7800	20 22 45	+ 3 33	+41 1	+19	5.94 R	.	gM0	−0.003	−0.048	.	+ 1	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
7801		−29 17049	194215	28394	4859.				20 19 20	−28 59	14 33	−32 0
7802		+42 3721	194220	28364	.	12735	13786	VAR?	20 19 29	+42 40	80 28	+ 3 19
7803		+ 0 4495	194244	28382	.	12745	13811	VAR?	20 19 32	+ 0 45	45 2	−20 5
7804		+68 1121	194258	28324	.	12718		AC DRA	20 19 39	+68 34	102 26	+17 43
7805		+63 1618	194298	28340	.	12725	13769		20 19 46	+63 40	98 6	+15 7
7806	39 CYG	+31 4062	194317	28378	4860.	12743			20 19 52	+31 52	71 43	− 3 1
7807		+37 3916	194335	28379	.	12744			20 20 0	+37 9	76 2	+ 0 2
7808		−37 13741	194433	28425	4861.	12765	I		20 20 24	−37 44	4 27	−34 15
7809		− 3 4888	194454	28408	.	12757			20 20 30	− 3 7	41 33	−22 11
7810		+ 9 4526	194526	28414	.	12760		VAR?	20 20 56	+ 9 44	53 18	−15 42
7811		+20 4559	194577	28418	.	12761			20 21 15	+21 5	63 1	− 9 29
7812		−81 906	194612	28578	.				20 21 25	−81 38	311 59	−30 45
7813		+19 4408	194616	28431	.	12766			20 21 32	+19 32	61 46	−10 25
7814	10 π CAP	−18 5685	194636	28442	.	12771	13860		20 21 36	−18 32	26 13	−29 4
7815		+53 2397	194668	28410	.				20 21 51	+53 14	89 23	+ 9 5
7816		+16 4259	194688	28435	.	12769			20 21 49	+16 59	59 39	−11 54
7817		−36 14166	194783	28464	.				20 22 22	−35 56	6 41	−34 18
7818		+59 2228	194882	28434	.	12768	13850		20 23 1	+59 16	94 32	+12 22
7819		−16 5609	194918	28477	.				20 23 5	−16 4	28 58	−28 27
7820		+ 7 4477	194937	28466	.	12783			20 23 15	+ 8 6	52 11	−17 4
7821	68 AQL	− 3 4906	194939	28472	.		R7436		20 23 11	− 3 41	41 21	−23 2
7822	11 ρ CAP	−18 5689	194943	28481	4868.	12789	13887		20 23 9	−18 9	26 47	−29 16
7823		+33 3910	194951	28454	.	12780			20 23 13	+34 0	73 52	− 2 20
7824		+ 2 4175	194953	28470	.	12785			20 23 14	+ 2 36	47 14	−19 56
7825		−22 5442	195006	28496	.	12795			20 23 39	−22 43	21 54	−29 0
7826	40 CYG	+37 3941	195050	28467	4871.	12784			20 23 52	+38 7	77 16	+ 0 1
7827		+56 2421	195066	28456	.	12781	13870		20 23 59	+56 19	92 8	+10 36
7828	43 CYG	+48 3128	195068	28462	4872.	12782			20 23 59	+49 3	86 8	+ 6 24
7829	12 o CAP	−19 5830	195093	28502	.		13902B		20 24 9	−18 55	26 4	−29 46
7830	12 o CAP	−19 5831	195094	28503	.		13902A		20 24 10	−18 55	26 4	−29 46
7831	69 AQL	− 3 4918	195135	28504	4874.	12797			20 24 25	− 3 13	41 58	−23 5
7832		−29 17122	195206	28524	.				20 24 49	−29 27	14 25	−33 17
7833		+19 4423	195217	28508	.	12800			20 24 53	+19 45	62 24	−10 56
7834	41 CYG	+29 4057	195295	28513	4875.	12802			20 25 19	+30 2	70 55	− 5 2
7835	42 CYG	+35 4141	195324	28515	.	12803			20 25 32	+36 7	75 51	− 1 28
7836	1 DEL	+10 4303	195325	28525	4876.	12809	13920		20 25 31	+10 34	54 39	−16 12
7837		−15 5696	195330	28533	.	12813	F		20 25 28	−15 23	29 57	−28 4
7838		−70 2792	195402	28597	.				20 25 57	−69 57	325 12	−34 19
7839		+20 4602	195479	28540	.	12817			20 26 30	+20 16	63 3	−10 57
7840		+10 4307	195483	28545	.	12820	13946		20 26 27	+10 55	55 6	−16 12
7841		+45 3196	195506	28535	4879.	12815			20 26 41	+45 35	83 36	+ 3 59
7842		−25 14854	195549	28573	.				20 26 55	−25 17	19 19	−32 32
7843		+55 2411	195554	28531	.	12812	K		20 26 57	+55 44	91 53	+ 9 55
7844	45 ω^1 CYG	+48 3142	195556	28537	.	12816	13932		20 26 58	+48 37	86 4	+ 5 45
7845		−10 5423	195564	28563	4880.	12831	13960		20 26 55	−10 12	35 26	−26 51
7846	ν MIC	−44 14020	195569	28588	4881.	12844			20 27 3	−44 51	356 0	−36 26
7847	44 CYG	+36 4105	195593	28551	.	12823	13949		20 27 11	+36 36	76 26	− 1 27
7848	ϕ^1 PAV	−61 6492	195627	28609	4884.	12857			20 27 18	−60 55	336 3	−36 5
7849		+25 4272	195692	28571	.	12837	13964		20 27 42	+25 28	67 30	− 8 9
7850	2 θ CEP	+62 1821	195725	28541	4886.	12818			20 27 54	+62 39	97 45	+13 47

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
7801	20 25 27	+ 6 7	−28 40	+19	5.84	+1.10	gG9	+0.012	+0.006	+.031	− 14V?	.	.		
7802	20 22 56	+ 3 27	+42 59	+19	6.30 R	.	K0III	+0.048	+0.035	.014D	− 20	1.4	96.4	3	D
7803	20 24 38	+ 5 6	+ 1 4	+19	6.06 R	.	A0	−0.001	+0.008	.	+ 4	4.5	33.2	3	
7804	20 20 5	+ 0 26	+68 53	+19	5.99 H	.	gM5	+0.017	+0.038	.	− 43	.	.		
7805	20 21 11	+ 1 25	+63 59	+19	5.79 R	.	gK5	−0.007	+0.024	.	+ 30	6.9	4.3		3
7806	20 23 52	+ 4 0	+32 11	+19	4.40	+1.31	K3III	+0.037	−0.002	+.010	− 15	.	.		
7807	20 23 44	+ 3 44	+37 28	+19	5.93	−0.20	B2Vpe	+0.000	−0.005	.	− 31	.	.		6
7808	20 26 53	+ 6 29	−37 25	+19	6.24	+0.96	K2IV-V	−0.244	−0.114	+.043	+ 16	2.0	1.4		D
7809	20 25 43	+ 5 13	− 2 48	+19	6.10 H	.	gK1	−0.012	−0.030	.	+ 24	.	.		
7810	20 25 44	+ 4 48	+10 4	+20	6.29 R	.	K5?III	−0.003	−0.030	.	− 77	.	.		
7811	20 25 40	+ 4 25	+21 25	+20	5.64 R	.	gG6	+0.004	−0.009	.	− 22	.	.		
7812	20 38 19	+ 16 54	−81 18	+20	5.90	+1.71	K5	+0.010	−0.026	.		.	.		
7813	20 26 1	+ 4 29	+19 52	+20	6.30 R	.	K0III	+0.024	+0.000	.	− 30	.	.		
7814	20 27 19	+ 5 43	−18 12	+20	5.20 H	−0.07	B8	+0.011	−0.010	.	− 13	3.6	3.9	3	D
7815	20 24 32	+ 2 41	+53 34	+20	6.43 R	+0.01	B9	+0.006	+0.014	.		.	.		
7816	20 26 23	+ 4 34	+17 19	+20	6.04 R	.	K0	+0.009	−0.016	.	− 17	.	.		
7817	20 28 47	+ 6 25	−35 36	+20	6.22 H	.	A0	+0.005	−0.022	.		.	.		
7818	20 25 5	+ 2 4	+59 36	+20	6.43 R	.	A0	+0.008	−0.007	.005D	− 22V	.2	.2		*
7819	20 28 43	+ 5 38	−15 44	+20	6.45 H	.	K0	+0.006	−0.007	.		.	.		
7820	20 28 7	+ 4 52	+ 8 26	+20	6.13 R	.	G9III	+0.036	+0.015	.	− 11	.	.		
7821	20 28 25	+ 5 14	− 3 21	+20	6.03 H	−0.07	B9	+0.018	−0.014	.		8.0	9.9		
7822	20 28 51	+ 5 42	−17 49	+20	4.76	+0.37	F2IV	−0.016	−0.023	+.042	+ 18	2.0	247.6	5	*
7823	20 27 7	+ 3 54	+34 20	+20	6.36 R	.	F3II	−0.011	−0.005	.	− 14	.	.		
7824	20 28 16	+ 5 2	+ 2 56	+20	6.22 R	.	G8III	+0.045	−0.001	.	− 22	.	.		
7825	20 29 31	+ 5 52	−22 23	+20	6.16	+1.53	gM1	+0.011	−0.026	.	+ 56	.	.		
7826	20 27 34	+ 3 42	+38 27	+20	5.38 R	+0.03	A3V	−0.028	−0.071	+.019	+ 0	.	.		
7827	20 26 24	+ 2 25	+56 39	+20	6.36	+0.00	A0	+0.011	+0.009	.	− 24V	1.8	26.5		*
7828	20 27 2	+ 3 3	+49 23	+20	5.67 R	.	dF0	+0.067	+0.058	+.012	− 20	.	.		
7829	20 29 53	+ 5 44	−18 35	+20	6.74	+0.22	A3	+0.017	−0.089	.		.5	22.1		D
7830	20 29 54	+ 5 44	−18 35	+20	5.94	+0.08	A2	+0.023	−0.082	.		.5	22.1		D
7831	20 29 38	+ 5 13	− 2 53	+20	5.11 H	.	K2III	+0.066	−0.018	+.009	− 23	.	.		
7832	20 30 56	+ 6 7	−29 7	+20	6.14 H	.	d?A6	+0.013	+0.001	.		.	.		
7833	20 29 21	+ 4 28	+20 5	+20	6.33 R	+0.22	A m	−0.030	−0.004	.	+ 4	.	.		
7834	20 29 24	+ 4 5	+30 22	+20	4.02	+0.41	F5II	+0.005	−0.003	+.007	− 18	.	.		
7835	20 29 21	+ 3 49	+36 27	+20	5.88 R	+0.48	A1Ib	−0.001	−0.002	.	− 18	.	.		
7836	20 30 18	+ 4 47	+10 54	+20	5.92 H	+0.01	A0pe	+0.016	+0.003	−.002	− 16	2.0	1.1	3	*
7837	20 31 4	+ 5 36	−15 3	+20	6.19 H	.	gG5	−0.045	−0.055	.	+ 30	.3	.1		
7838	20 35 52	+ 9 55	−69 37	+20	6.10	+1.29	K2	+0.032	−0.061	.		.	.		
7839	20 30 58	+ 4 28	+20 36	+20	5.96 R	+0.14	A m	+0.089	+0.043	.	− 40	.	.		
7840	20 31 13	+ 4 46	+11 15	+20	6.36 R	.	A0	−0.004	−0.003	.	− 11	.5	16.2	4	D
7841	20 30 0	+ 3 19	+45 55	+20	6.41	+1.12	K2III	+0.067	+0.152	+.007	− 31	.	.		
7842	20 32 52	+ 5 57	−24 57	+20	6.20 H	.	A0	+0.008	−0.043	.		.	.		
7843	20 29 27	+ 2 30	+56 4	+20	5.86 R	−0.04	B9	+0.002	+0.011	.	− 22	2.5	.5		2
7844	20 30 4	+ 3 6	+48 57	+20	4.84 R	.	B2V	+0.008	+0.007	.	− 22	4.5	56.5	3	
7845	20 32 23	+ 5 28	− 9 52	+20	5.64	+0.69	G3V	+0.303	+0.102	+.029	+ 9	5.5	4.6		3
7846	20 33 55	+ 6 52	−44 31	+20	5.30 H	.	gG9	+0.012	−0.040	+.001	+ 9	.	.		
7847	20 30 59	+ 3 48	+36 56	+20	6.17?	+1.02	F5Iab	−0.001	−0.005	.	− 22	5.0	2.6		
7848	20 35 35	+ 8 17	−60 35	+20	4.76	+0.29	F0V	+0.065	−0.183	+.019	− 19	.	.		
7849	20 31 59	+ 4 17	+25 48	+20	6.20 R	.	A m	+0.027	−0.033	.009D	− 18	1.8	1.1		D
7850	20 29 35	+ 1 41	+62 59	+20	4.20 R	.	A m	+0.042	−0.014	+.032	− 8V	.	.		R

BS = HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
7851	46 ω^2 CYG	+48 3154	195774	28569	.	12835		VAR?	20 28 14	+48 53	86 25	+ 5 44
7852	2 ϵ DEL	+10 4321	195810	28593	4888.	12848		VAR?	20 28 26	+10 58	55 25	−16 35
7853		−38 14108	195814	28619	.				20 28 25	−38 26	3 56	−35 56
7854		+51 2882	195820	28574	.	12839			20 28 30	+51 58	88 56	+ 7 32
7855		−14 5781	195838	28608	.	12856			20 28 38	−14 4	31 40	−28 52
7856		−30 18013	195843	28620	.				20 28 38	−30 49	13 4	−34 26
7857		+ 9 4579	195922	28613	.	12859			20 29 5	+ 9 43	54 25	−17 24
7858	3 η DEL	+12 4378	195943	28617	4890.	12861		VAR?	20 29 13	+12 41	57 1	−15 47
7859	ρ PAV	−61 6495	195961	28668	4891.	12884		VAR?	20 29 12	−61 52	334 50	−36 10
7860		+56 2444	195964	28589	.	12845			20 29 20	+56 26	92 40	+10 4
7861		+42 3778	195986	28604	.	12852			20 29 23	+42 51	81 41	+ 1 58
7862		+20 4629	196035	28629	.	12865			20 29 43	+20 38	63 48	−11 21
7863	μ^1 OCT	−76 1434	196051	28731	.				20 29 42	−76 32	317 31	−32 46
7864	μ^2 OCT	−75 1644	196067	28727	.		IA		20 29 49	−75 42	318 27	−33 2
7865		−17 6027	196078	28652	.				20 29 53	−16 52	28 51	−30 15
7866	47 CYG	+34 4079	196093	28630	.	12866			20 30 1	+34 54	75 25	− 2 56
7867		+41 3805	196134	28633	.	12868			20 30 15	+41 26	80 39	+ 0 59
7868		+72 957	196142	28583	.	12842			20 30 27	+72 12	106 11	+18 53
7869	α IND	−47 13477	196171	28682	4897.	12888	I		20 30 32	−47 38	352 34	−37 12
7870		+46 2977	196178	28642	.	12873			20 30 38	+46 21	84 37	+ 3 54
7871	4 ζ DEL	+14 4353	196180	28659	4898.	12881			20 30 38	+14 20	58 38	−15 9
7872		−63 4602	196317	28718	.				20 31 19	−63 15	333 6	−36 12
7873	70 AQL	− 3 4961	196321	28684	4901.	12889			20 31 31	− 2 54	43 12	−24 29
7874	26 VUL	+25 4299	196362	28679	.	12887			20 31 51	+25 32	68 7	− 8 52
7875	ϕ^2 PAV	−60 7419	196378	28730	4903.	12918			20 31 46	−60 53	336 0	−36 37
7876		+51 2895	196379	28667	.	12883			20 31 56	+51 31	88 54	+ 6 50
7877		−25 14920	196385	28700	.				20 31 55	−25 27	19 33	−33 39
7878		− 0 4056	196426	28697	.	12897			20 32 11	− 0 15	45 49	−23 19
7879	73 DRA	+74 872	196502	28639	4905.	12871		AF DRA	20 32 50	+74 37	108 26	+20 2
7880	27 VUL	+25 4302	196504	28702	.	12900			20 32 49	+26 7	68 43	− 8 41
7881	υ PAV	−67 3754	196519	28782	.	12945		VAR?	20 32 47	−67 7	328 23	−35 34
7882	6 β DEL	+14 4369	196524	28709	4906.	12902	14073		20 32 52	+14 15	58 53	−15 38
7883	5 ι DEL	+10 4339	196544	28711	4906.1	12906			20 33 2	+11 2	56 8	−17 29
7884	71 AQL	− 1 4016	196574	28725	4908.	12916	14081	VAR?	20 33 10	− 1 27	44 49	−24 8
7885	48 CYG	+31 4159	196606	28713	.	12908			20 33 28	+31 13	72 55	− 5 44
7886		+17 4370	196610	28720	.	12911		EU DEL	20 33 21	+17 55	62 3	−13 38
7887		+31 4160	196629	28715	.	12910			20 33 29	+31 10	72 53	− 5 46
7888		+37 4002	196642	28714	.	12909			20 33 38	+37 58	78 18	− 1 39
7889	14 τ CAP	−15 5743	196662	28748	.	12925	14099		20 33 41	−15 18	30 56	−30 29
7890		− 2 5328	196712	28752	.	12927			20 34 1	− 2 46	43 40	−24 58
7891	29 VUL	+20 4658	196724	28740	4910.	12921			20 34 3	+20 51	64 35	−12 3
7892	8 θ DEL	+12 4411	196725	28743	.	12923			20 34 1	+12 58	57 57	−16 36
7893		−33 15119	196737	28776	.	12940			20 34 4	−33 47	9 51	−36 13
7894	28 VUL	+23 4084	196740	28741	.	12922			20 34 10	+23 46	67 0	−10 20
7895		+23 4085	196753	28745	.	12924			20 34 13	+23 19	66 38	−10 37
7896	7 κ DEL	+ 9 4600	196755	28756	4912.	12930	14101		20 34 16	+ 9 44	55 10	−18 28
7897	1 AQR	− 0 4064	196758	28761	4913.	12933	14108		20 34 17	+ 0 8	46 28	−23 34
7898		−24 16193	196761	28778	4911.	12942			20 34 15	−24 8	21 15	−33 45
7899		+15 4220	196775	28758	.	12931	14106		20 34 27	+15 29	60 9	−15 15
7900	15 υ CAP	−18 5738	196777	28777	4915.	12941			20 34 21	−18 29	27 35	−31 51

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
7851	20 31 19	+ 3 5	+49 13	+20	5.42 R	.	gM2	+0.007	−0.030	.	− 64	.	.		
7852	20 33 13	+ 4 47	+11 18	+20	3.98 R	−0.14	B6III	+0.007	−0.022	+.016	− 19	.	.		
7853	20 34 56	+ 6 31	−38 5	+21	6.45 H	.	A2	+0.015	−0.005	.		.	.		
7854	20 31 21	+ 2 51	+52 18	+20	6.20 R	.	K0III	+0.032	+0.067	.	− 10	.	.		
7855	20 34 12	+ 5 34	−13 43	+21	6.24 H	.	dF8	+0.071	+0.072	.	− 43	.	.		
7856	20 34 48	+ 6 10	−30 29	+20	6.52 H	.	B9	+0.015	−0.021	.		.	.		
7857	20 33 54	+ 4 49	+10 4	+21	6.40 R	.	A0	−0.012	+0.008	.	− 13	.	.		
7858	20 33 57	+ 4 44	+13 2	+21	5.22 R	+0.05	A2V	+0.067	+0.026	+.008	− 18V?	.	.		
7859	20 37 35	+ 8 23	−61 31	+21	5.03 H	.	g?F5	+0.053	−0.067	−.002	+ 8	.	.		
7860	20 31 47	+ 2 27	+56 46	+20	6.15 R	.	gK5	−0.022	−0.007	.	− 15	.	.		
7861	20 32 52	+ 3 29	+43 11	+20	6.41 R	.	B3	+0.004	+0.007	.	− 17V	.	.		R
7862	20 34 10	+ 4 27	+20 59	+21	6.24 R	.	B3	+0.010	−0.003	.	+ 3	.	.		
7863	20 42 3	+ 12 21	−76 11	+21	5.99	+0.45	F5IVn	+0.199	−0.012	.	− 36	.	.		
7864	20 41 43	+ 11 54	−75 21	+21	6.02	+0.62	G1V	+0.144	−0.151	.	− 13	.5	18.3		D
7865	20 35 32	+ 5 39	−16 31	+21	6.20 H	.	A5	+0.080	−0.020	.		.	.		
7866	20 33 54	+ 3 53	+35 15	+21	4.72 R	.	K5+A3	−0.002	−0.007	.	− 4	.	.		
7867	20 33 49	+ 3 34	+41 46	+20	6.29 R	.	K0	−0.019	−0.081	.	+ 1	.	.		
7868	20 30 1	− 0 26	+72 32	+20	6.28	+1.35	gK4	−0.004	−0.020	.	− 43	.	.		
7869	20 37 34	+ 7 2	−47 17	+21	3.10	+1.00	K0III	+0.049	+0.066	+.039	− 1	9.3	67.4	3	
7870	20 33 54	+ 3 16	+46 42	+21	5.67 R	−0.15	B8si	+0.007	−0.002	.	− 22	.	.		
7871	20 35 18	+ 4 40	+14 41	+21	4.62 R	+0.12	A3V	+0.042	+0.012	+.010	− 25	.	.		
7872	20 39 51	+ 8 32	−62 54	+21	6.36 H	.	gK2	+0.012	−0.079	.		.	.		
7873	20 36 43	+ 5 12	− 2 33	+21	5.22 H	.	K4III	+0.003	−0.002	+.015	− 10	.	.		
7874	20 36 8	+ 4 17	+25 53	+21	6.22 R	+0.23	A4III	+0.014	+0.012	.	− 19V	.	.		R
7875	20 40 3	+ 8 17	−60 33	+20	5.11	+0.53	F8V	+0.302	−0.571	+.041	− 32	.	.		
7876	20 34 51	+ 2 55	+51 52	+21	6.21 R	.	F0	−0.004	−0.003	.	− 13	.	.		
7877	20 37 52	+ 5 57	−25 6	+21	6.26 H	.	F0	+0.062	−0.002	.	− 26	.	.		
7878	20 37 18	+ 5 7	+ 0 6	+21	6.16 H	−0.09	B8	−0.004	−0.016	.	− 23	.	.		
7879	20 31 30	− 1 20	+74 58	+21	5.19	+0.07	A p	+0.007	−0.015	+.008	+ 9V	.	.		
7880	20 37 5	+ 4 16	+26 28	+21	5.42 R	−0.08	B9V	+0.009	−0.007	.	− 10V	.	.		6
7881	20 41 57	+ 9 10	−66 46	+21	5.14	−0.06	B8V	+0.011	−0.024	.	+ 8V	.	.		
7882	20 37 33	+ 4 41	+14 36	+21	3.78 R	.	F5IV	+0.106	−0.034	+.026	− 23V	1.0	.7	4	*
7883	20 37 49	+ 4 47	+11 23	+21	4.42 R	+0.04	A2V	+0.035	−0.007	+.023	− 4V	.	.		R
7884	20 38 20	+ 5 10	− 1 6	+21	4.30	+0.94	G8III	+0.010	−0.020	+.005	− 6V	6.5	32.0		*
7885	20 37 32	+ 4 4	+31 34	+21	6.20 R	−0.10	B8IV	+0.005	+0.000	.	− 19	.	.		
7886	20 37 54	+ 4 33	+18 16	+21	6.27 H	.	gM6	+0.014	+0.098	.	− 66	.	.		
7887	20 37 33	+ 4 4	+31 31	+21	6.35 R	.	dA5	−0.050	−0.033	.	+ 1	.	.		
7888	20 37 24	+ 3 46	+38 19	+21	6.14 R	.	K0III	+0.006	−0.044	.	− 37	.	.		
7889	20 39 16	+ 5 35	−14 57	+21	5.30 H	.	B6III	+0.003	−0.021	.005D	− 5	1.3	.2		D
7890	20 39 13	+ 5 12	− 2 25	+21	6.26 H	−0.10	B9	+0.001	+0.011	.	− 14V?	.	.		R
7891	20 38 31	+ 4 28	+21 12	+21	4.75 R	−0.01	A0V	+0.062	+0.006	−.004	− 18	.	.		
7892	20 38 44	+ 4 43	+13 19	+21	5.82 R	.	K3Ib	−0.006	−0.004	.	− 14	.	.		
7893	20 40 20	+ 6 16	−33 26	+21	5.54 H	.	gK2	+0.027	+0.036	.	+ 14V?	.	.		
7894	20 38 31	+ 4 21	+24 7	+21	5.01 R	.	B5V	+0.005	−0.002	.	− 22	.	.		
7895	20 38 35	+ 4 22	+23 40	+21	5.90 R	.	cK0	+0.010	−0.007	.	+ 9	.	.		6
7896	20 39 7	+ 4 51	+10 5	+21	5.02	+0.72	G5IV	+0.313	+0.015	+.022	− 52	6.6	21.9	3	D
7897	20 39 24	+ 5 7	+ 0 29	+21	5.22 R	.	K1III	+0.096	−0.014	+.007	− 43	5.9	72.9	3	D
7898	20 40 12	+ 5 57	−23 46	+22	6.38	+0.72	dG7	+0.491	+0.461	+.065	− 50	.	.		
7899	20 39 5	+ 4 38	+15 50	+21	5.92 R	.	B4Vn	−0.004	−0.018	.	+ 2	4.9	43.8	3	D
7900	20 40 2	+ 5 41	−18 8	+21	5.10	+1.64	M2III	−0.021	−0.020	+.012	− 13	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
7901	75 DRA	+80 659	196787	28611	4917.	12858			20 34 32	+81 5	114 25	+23 21
7902		−27 14959	196815	28791	.				20 34 36	−27 0	17 58	−34 41
7903		+21 4305	196821	28766	.	12936			20 34 44	+21 28	65 12	−11 49
7904		+29 4121	196852	28764	4922.	12934			20 34 52	+29 59	72 7	− 6 43
7905		−16 5663	196857	28797	.	12950			20 34 56	−16 29	29 49	−31 14
7906	9 α DEL	+15 4222	196867	28780	4923.	12943	14121	VAR?	20 35 0	+15 34	60 18	−15 19
7907		+10 4351	196885	28784	.	12946			20 35 4	+10 54	56 18	−17 59
7908	74 DRA	+80 660	196925	28648	4928.	12874			20 35 15	+80 44	114 6	+23 9
7909		−32 16130	196917	28808	4927.				20 35 12	−31 57	12 8	−36 4
7910		−26 15192	196947	28812	.				20 35 26	−26 21	18 47	−34 41
7911		+40 4266	197018	28796	.		14126		20 35 54	+40 14	80 21	+ 0 36
7912		+45 3233	197036	28793	.	12948			20 36 1	+45 19	84 22	+ 2 31
7913	β PAV	−66 3501	197051	28862	4930.	12981			20 35 57	−66 34	328 57	−34 0
7914		+19 4484	197076	28814	4932.	12957			20 36 14	+19 34	63 50	−13 13
7915		−40 13994	197093	28841	.				20 36 20	−39 55	2 22	−37 39
7916		+55 2444	197101	28794	.	12949			20 36 25	+55 39	92 37	+ 8 8
7917		+29 4131	197120	28816	.	12958	14149		20 36 27	+29 27	71 54	− 7 19
7918	10 DEL	+14 4393	197121	28826	.	12962		VAR?	20 36 35	+14 14	59 24	−16 23
7919		+42 3818	197139	28809	.	12955			20 36 34	+43 6	82 41	+ 1 4
7920	η IND	−52 11752	197157	28860	4933.	12979			20 36 42	−52 17	346 41	−38 9
7921	49 CYG	+31 4181	197177	28827	.	12963	14158		20 37 0	+31 57	73 58	− 5 53
7922		+38 4187	197226	28830	.				20 37 16	+38 43	79 20	− 1 45
7923		+17 4382	197249	28843	.	12969			20 37 22	+17 10	62 0	−14 51
7924	50 α CYG	+44 3541	197345	28846	4935.	12971	14172	VAR?	20 38 1	+44 55	84 17	+ 2 0
7925		+59 2272	197373	28832	4936.	12966			20 38 10	+60 9	96 25	+11 20
7926		+41 3856	197392	28854	.	12975			20 38 20	+41 22	81 32	+ 0 15
7927		+34 4127	197419	28861	.	12980		V568 CYG	20 38 27	+35 6	76 38	− 4 10
7928	11 δ DEL	+14 4403	197461	28873	4938.	12987		δ DEL	20 38 47	+14 43	60 8	−16 33
7929	51 CYG	+49 3353	197511	28865	.	12982	14189		20 39 8	+49 59	88 22	+ 5 0
7930		+83 588	197508	28690	.	12893			20 39 5	+83 17	116 34	+24 21
7931		−27 15014	197540	28909	.				20 39 13	−27 37	17 35	−35 50
7932	X CYG	+35 4234	197572	28886	4944.	12989		X CYG	20 39 29	+35 14	76 52	− 4 15
7933		−39 13960	197630	28927	.	13007			20 39 49	−39 34	2 54	−38 17
7934	σ PAV	−69 3138	197635	28969	4946.	13029			20 39 50	−69 8	325 47	−35 42
7935		−36 14396	197649	28928	.				20 39 57	−36 29	6 47	−37 53
7936	16 ψ CAP	−25 15018	197692	28929	4947.	13008			20 40 11	−25 38	20 0	−35 30
7937	17 CAP	−22 5523	197725	28933	.				20 40 22	−21 53	24 22	−34 22
7938		+60 2154	197734	28894	.	12990			20 40 32	+60 14	96 39	+11 9
7939	30 VUL	+24 4229	197752	28920	4950.	13004			20 40 33	+24 55	68 49	−10 48
7940		+56 2477	197770	28901	.	12994			20 40 42	+56 45	93 52	+ 9 0
7941	U DEL	+17 4401	197812	28930	.	13009		U DEL	20 40 54	+17 44	62 59	−15 12
7942	52 CYG	+30 4167	197912	28942	4952.	13012	14259		20 41 32	+30 21	73 18	− 7 38
7943	ι MIC	−44 14145	197937	28980	4956.	13036	R7509		20 41 42	−44 21	356 50	−39 1
7944		+55 2462	197939	28926	.	13006			20 41 46	+56 8	93 29	+ 8 30
7945	4 CEP	+66 1318	197950	28919	4957.	13001			20 41 56	+66 18	101 43	+14 41
7946		− 3 5018	197954	28968	.				20 41 52	− 2 51	44 40	−26 43
7947	12 γ^1 DEL	+15 4255	197963	28965	.	13025	14279		20 42 0	+15 46	61 30	−16 34
7948	12 γ^2 DEL	+15 4255	197964	28966	4958.	13026	14279		20 42 1	+15 46	61 30	−16 34
7949	53 ϵ CYG	+33 4018	197989	28959	4959.	13020	14274		20 42 10	+33 36	75 56	− 5 42
7950	2 ϵ AQR	−10 5506	198001	28978	4960.	13033			20 42 16	− 9 52	37 40	−30 6

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
7901	20 28 15	− 6 17	+81 26	+21	5.46 R	.	G9III	+0.028	+0.017	+.011	− 6	.	.		
7902	20 40 36	+ 6 0	−26 39	+21	6.41 H	.	dF8	+0.031	−0.018	.		.	.		
7903	20 39 10	+ 4 26	+21 49	+21	5.91 R	−0.07	A0III	+0.014	+0.014	.	− 37V?	.	.		
7904	20 38 59	+ 4 7	+30 20	+21	5.71 R	.	K2III	−0.036	−0.058	+.010	+ 13	.	.		
7905	20 40 33	+ 5 37	−16 8	+21	5.91 H	.	gG7	−0.071	+0.073	.	− 4	.	.		
7906	20 39 39	+ 4 39	+15 55	+21	3.77	−0.06	B9V	+0.062	−0.003	+.002	− 6	6.8	80.7	6	D
7907	20 39 51	+ 4 47	+11 15	+21	6.33 R	.	F8	+0.056	+0.088	.	− 28	.	.		
7908	20 29 28	− 5 47	+81 5	+21	5.95 R	.	K0III	+0.069	+0.222	+.044	− 14V	.	.		6
7909	20 41 24	+ 6 12	−31 36	+21	5.75	+1.53	M0III	+0.099	−0.054	+.017	− 97	.	.		
7910	20 41 24	+ 5 58	−26 0	+21	6.35 H	.	K0	−0.004	−0.030	.		.	.		
7911	20 39 33	+ 3 39	+40 35	+21	5.78BR	−0.19	B8	+0.003	−0.001	.003D		.3	.8	3	D
7912	20 39 23	+ 3 22	+45 40	+21	6.46 R	.	B3n	+0.001	+0.000	.	− 15	.	.		
7913	20 44 57	+ 9 0	−66 12	+22	3.42	+0.17	A5IV	−0.044	+0.014	+.026	+ 10	.	.		G
7914	20 40 45	+ 4 31	+19 56	+22	6.29 R	.	dG2	+0.119	+0.303	+.053	− 37	.	.		G
7915	20 42 53	+ 6 33	−39 34	+21	6.28	+1.08	K0	+0.021	−0.005	.		.	.		
7916	20 39 0	+ 2 35	+56 0	+21	6.45 R	.	F0	−0.009	−0.035	.	− 1	.	.		
7917	20 40 36	+ 4 9	+29 48	+21	6.04 R	+0.13	A3V	+0.004	+0.036	.010D	− 27V	4.5	1.3		*
7918	20 41 16	+ 4 41	+14 35	+21	6.01 R	.	gK4	−0.010	+0.002	.	− 32	.	.		
7919	20 40 4	+ 3 30	+43 27	+21	5.91 R	.	gG9	−0.074	−0.063	.	− 19	.	.		
7920	20 44 2	+ 7 20	−51 56	+21	4.50	+0.27	dA9	+0.155	−0.058	+.029	− 2	.	.		
7921	20 41 3	+ 4 3	+32 18	+21	5.60 R	.	G8II	+0.003	−0.015	.004D	− 29	2.1	3.6		D
7922	20 41 0	+ 3 44	+39 4	+21	6.42 R	−0.13	B6IV	−0.001	+0.008	.		.	.		
7923	20 41 57	+ 4 35	+17 32	+22	6.14 R	.	G8III	+0.017	+0.043	.	− 2	.	.		
7924	20 41 26	+ 3 25	+45 16	+21	1.26	+0.09	A2Ia	−0.002	+0.002	−.013	− 5V	10.4	75.5		N
7925	20 40 17	+ 2 7	+60 31	+22	5.90 R	.	dF4	+0.007	+0.186	+.020	− 13	.	.		
7926	20 41 57	+ 3 37	+41 43	+21	5.63 R	−0.11	B8	+0.010	+0.005	.	− 27V	.	.		6
7927	20 42 22	+ 3 55	+35 28	+22	6.50 H	.	B2Ve	−0.023	−0.010	.	− 7	.	.		
7928	20 43 27	+ 4 40	+15 5	+22	4.53 H	.	A m?	−0.025	−0.048	+.008	+ 9	.	.		G
7929	20 42 13	+ 3 5	+50 21	+22	5.38 R	.	B2V	+0.000	+0.003	.	− 3V?	6.0	26.2	4	D
7930	20 29 2	− 10 3	+83 38	+21	6.12 R	.	A m	+0.024	−0.016	.	+ 10	.	.		6
7931	20 45 13	+ 6 0	−27 15	+22	6.50 H	.	G5	+0.007	+0.005	.		.	.		
7932	20 43 24	+ 3 55	+35 36	+22	6.5 H	.	F7Ib	−0.013	−0.004	−.009	+ 10V	.	.		
7933	20 46 20	+ 6 31	−39 12	+22	5.53 H	.	B8	+0.043	−0.027	.	− 49	.	.		
7934	20 49 17	+ 9 27	−68 46	+22	5.40	+1.12	gK0	−0.073	−0.052	−.006	+ 19	.	.		
7935	20 46 19	+ 6 22	−36 7	+22	6.48 H	.	dF3	+0.040	−0.055	.		.	.		
7936	20 46 6	+ 5 55	−25 16	+22	4.13	+0.42	F5V	−0.056	−0.156	+.090	+ 26V	.	.		
7937	20 46 10	+ 5 48	−21 31	+22	5.89 H	.	A0	+0.020	−0.011	.	+ 18	.	.		
7938	20 42 40	+ 2 8	+60 36	+22	6.03 R	.	A0	−0.005	−0.013	.	− 5	.	.		
7939	20 44 53	+ 4 20	+25 16	+21	4.92	+1.17	K2III	−0.035	−0.178	+.004	+ 31V	.	.		*
7940	20 43 13	+ 2 31	+57 7	+22	6.32	+0.33	B2IV	−0.016	+0.003	.	− 15V	.	.		6
7941	20 45 29	+ 4 35	+18 6	+22	5.6 H	.	M5II-III	−0.003	+0.004	.	− 21	.	.		
7942	20 45 40	+ 4 8	+30 43	+22	4.29BR	.	K0III	−0.014	+0.028	+.012	− 1	5.2	6.6		2
7943	20 48 29	+ 6 47	−43 59	+22	5.09	+0.36	F1V	+0.180	−0.106	+.043	− 18	10.4	4.3		
7944	20 44 22	+ 2 36	+56 30	+22	6.10 R	.	gM3	+0.002	−0.015	.	− 28	.	.		
7945	20 43 11	+ 1 15	+66 40	+22	5.53 R	.	A5	+0.023	+0.038	+.031	+ 35	.	.		
7946	20 47 4	+ 5 12	− 2 29	+22	6.33 H	.	K2	−0.021	−0.014	.		.	.		
7947	20 46 38	+ 4 38	+16 8	+22	5.14	+0.49	F7V	−0.027	−0.196	.	− 8	1.0	12.2		D
7948	20 46 39	+ 4 38	+16 8	+22	4.27	+1.04	K1IV	−0.037	−0.198	+.022	− 7	1.0	12.2		D
7949	20 46 13	+ 4 3	+33 58	+22	2.45	+1.03	K0III	+0.355	+0.325	+.044	− 10V	9.0	44.3		*
7950	20 47 41	+ 5 25	− 9 30	+22	3.77	+0.01	A1V	+0.028	−0.033	+.015	− 16V?	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
7951	3 AQR	− 5 5378	198026	28979	4961.	13035		VAR?	20 42 28	− 5 24	42 14	−28 5
7952	ζ IND	−46 13718	198048	29008	4962.	13052			20 42 36	−46 36	353 56	−39 14
7953	13 DEL	+ 5 4613	198069	28986	4964.	13039	14293	VAR?	20 42 51	+ 5 38	52 46	−22 30
7954		+ 2 4250	198070	28984	.	13038			20 42 46	+ 2 56	50 17	−23 56
7955		+57 2240	198084	28956	4963.	13019			20 42 52	+57 13	94 26	+ 9 3
7956		+33 4028	198134	28981	4965.	13037	14290	T CYG	20 43 11	+34 0	76 23	− 5 37
7957	3 η CEP	+61 2050	198149	28962	4966.	13022	14276		20 43 15	+61 27	97 51	+11 38
7958		+45 3270	198151	28977	.	13032	K		20 43 17	+46 10	85 50	+ 2 4
7959		−62 6180	198160	29042	.		IA		20 43 18	−62 48	333 19	−37 37
7960		−62 6180	198161	29043	.		IB		20 43 18	−62 48	333 19	−37 37
7961		−26 15282	198174	29018	.	13055			20 43 21	−26 9	19 38	−36 19
7962		+52 2799	198181	28975	4966.1	13031			20 43 27	+52 38	90 52	+ 6 7
7963	54 λ CYG	+35 4267	198183	28994	4967.	13044	14296		20 43 31	+36 7	78 5	− 4 20
7964		−18 5783	198208	29023	.	13059			20 43 40	−18 24	28 38	−33 53
7965	α MIC	−34 14660	198232	29026	4969.	13062	I		20 43 43	−34 9	9 53	−38 15
7966		+45 3275	198237	28997	.	13049	14298		20 43 55	+45 13	85 10	+ 1 22
7967		+69 1127	198236	28961	4971.	13021			20 43 57	+69 23	104 25	+16 22
7968	ι IND	−52 11782	198308	29055	4974.	13075			20 44 16	−51 59	346 59	−39 20
7969		+47 3188	198345	29012	.	13054	14318		20 44 32	+47 28	86 58	+ 2 43
7970		−32 16236	198356	29051	.				20 44 37	−32 25	12 5	−38 6
7971		−38 14250	198357	29053	.	13073			20 44 36	−38 17	4 41	−39 3
7972		+51 2954	198387	29021	4976.	13058	14322		20 44 54	+52 3	90 34	+ 5 35
7973	15 DEL	+12 4472	198390	29037	4977.	13066			20 44 52	+12 10	58 51	−19 14
7974	14 DEL	+ 7 4556	198391	29039	.	13070		VAR?	20 44 54	+ 7 30	54 45	−21 53
7975		+ 5 4626	198404	29044	.	13071			20 45 1	+ 5 10	52 40	−23 12
7976		−13 5773	198431	29057	4979.	13076			20 45 11	−12 55	34 49	−32 4
7977	55 CYG	+45 3291	198478	29036	4980.	13065	14337	VAR?	20 45 32	+45 45	85 45	+ 1 30
7978		+51 2957	198513	29033	.		14336		20 45 42	+51 32	90 14	+ 5 10
7979	β MIC	−33 15245	198529	29080	.	13086			20 45 46	−33 33	10 44	−38 34
7980	18 ω CAP	−27 15082	198542	29079	4982.	13085			20 45 51	−27 18	18 27	−37 10
7981		+17 4431	198552	29067	.	13079			20 46 1	+17 40	63 41	−16 13
7982	4 AQR	− 6 5604	198571	29078	4983.	13083	14360	VAR?	20 46 8	− 6 0	42 8	−29 10
7983		+46 3067	198625	29065	.	13077	14350		20 46 32	+46 17	86 17	+ 1 42
7984	56 CYG	+43 3739	198639	29066	4984.	13078			20 46 32	+43 41	84 17	+ 0 2
7985	5 AQR	− 6 5606	198667	29094	4987.	13089		VAR?	20 46 51	− 5 53	42 20	−29 16
7986	β IND	−58 7788	198700	29133	4989.	13108			20 47 0	−58 50	338 9	−38 51
7987		−40 14078	198716	29127	4991.	13105			20 47 10	−40 11	2 18	−39 45
7988	T VUL	+27 3890	198726	29089	4990.	13088		T VUL	20 47 14	+27 53	72 8	−10 9
7989		−24 16328	198732	29116	.	13098	14380		20 47 9	−24 9	22 20	−36 34
7990	6 μ AQR	− 9 5598	198743	29109	4992.	13093			20 47 16	− 9 22	38 50	−30 59
7991		−31 17917	198751	29126	.				20 47 18	−31 6	13 53	−38 23
7992		−51 12748	198766	29137	.	13110			20 47 27	−51 6	348 4	−39 53
7993		+63 1663	198781	29069	.	13080			20 47 32	+63 40	99 57	+12 37
7994		−12 5854	198802	29125	.	13104			20 47 37	−11 57	36 9	−32 11
7995	31 VUL	+26 4017	198809	29112	4994.	13096			20 47 51	+26 43	71 18	−10 59
7996		+32 3974	198820	29111	.	13095			20 47 56	+32 28	75 49	− 7 22
7997		−28 16975	198853	29139	.				20 48 7	−28 18	17 24	−37 55
7998		− 7 5433	198949	29142	.				20 48 39	− 7 16	41 11	−30 19
7999		+29 4221	198976	29136	.	13109			20 48 55	+29 16	73 28	− 9 34
8000	19 CAP	−18 5805	199012	29164	.	13121			20 49 9	−18 18	29 19	−35 3

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
7951	20 47 44	+ 5 16	− 5 2	+22	4.60 H	.	M3III	−0.006	−0.039	+.004	− 22	.	.		
7952	20 49 29	+ 6 53	−46 14	+22	4.88	+1.52	gK5	+0.043	+0.023	+.007	− 5	.	.		
7953	20 47 48	+ 4 57	+ 6 0	+22	5.55BR	.	A1	+0.004	−0.004	−.001	− 8	3.6	2.0		2
7954	20 47 48	+ 5 2	+ 3 18	+22	6.33 R	.	A0	+0.027	+0.022	.	− 21	.	.		
7955	20 45 21	+ 2 29	+57 35	+22	4.57 R	+0.57	F8V	−0.066	−0.232	+.041	− 31	.	.		
7956	20 47 10	+ 3 59	+34 22	+22	5.20 H	.	K3III	+0.043	+0.002	+.004	− 23	5.0	10.2	3	D
7957	20 45 17	+ 2 2	+61 50	+23	3.43	+0.92	K0IV	+0.090	+0.820	+.071	− 87	7.7	100.5		
7958	20 46 39	+ 3 22	+46 32	+22	6.21 R	.	A2	−0.028	−0.014	.	− 9	1.9	.5		2
7959	20 51 39	+ 8 21	−62 26	+22	6.59 H	.	A2	+0.076	−0.048	.009D		.3	3.2		D
7960	20 51 39	+ 8 21	−62 26	+22	6.59 H	.	A2	+0.078	−0.044	.009D		.3	3.2		D
7961	20 49 17	+ 5 56	−25 47	+22	5.78 H	−0.07	B6V	+0.013	−0.023	.	− 12	.	.		
7962	20 46 21	+ 2 54	+53 0	+22	6.30 R	.	K0	−0.082	−0.108	+.009	− 29	.	.		
7963	20 47 25	+ 3 54	+36 29	+22	4.47 R	.	B5V	+0.006	−0.010	+.005	− 23	1.3	1.0	3	*
7964	20 49 20	+ 5 40	−18 2	+22	6.37 H	.	gK3	+0.000	−0.034	.	+ 44	.	.		
7965	20 49 58	+ 6 15	−33 47	+22	4.88	+1.00	gG7	+0.005	−0.024	+.007	− 15	4.5	21.7		
7966	20 47 21	+ 3 26	+45 35	+22	6.52 R	.	gM0	+0.001	−0.026	.	− 6	6.0	14.0		
7967	20 44 33	+ 0 36	+69 45	+22	6.39 R	.	G8III	−0.030	−0.024	+.001	− 9	.	.		
7968	20 51 30	+ 7 14	−51 37	+22	5.16 H	.	gK1	+0.003	−0.013	−.004	+ 21	.	.		
7969	20 47 50	+ 3 18	+47 50	+22	5.53 R	.	K5III	+0.007	−0.028	.	− 30V	9.0	18.3		6
7970	20 50 47	+ 6 10	−32 3	+22	6.46 H	.	K5	−0.019	−0.060	.		.	.		
7971	20 51 1	+ 6 25	−37 55	+22	5.55 H	.	K0	−0.014	−0.021	.	+ 15V	.	.		6
7972	20 47 53	+ 2 59	+52 25	+22	6.21 R	.	dK0	+0.064	−0.159	+.018	− 41	5.1	9.8		1
7973	20 49 38	+ 4 46	+12 32	+22	5.89 R	.	dF4	+0.053	+0.098	+.031	+ 2	.	.		
7974	20 49 48	+ 4 54	+ 7 52	+22	6.20 R	.	A2	+0.019	+0.014	.	− 30V	.	.		R
7975	20 49 59	+ 4 58	+ 5 32	+22	6.12 R	.	K0	+0.036	+0.008	.	− 22	.	.		
7976	20 50 42	+ 5 31	−12 33	+22	5.99 H	.	gK1	+0.121	−0.070	+.014	− 44V?	.	.		
7977	20 48 56	+ 3 24	+46 7	+22	4.83	+0.40	B3Ia	+0.001	−0.001	+.012	− 7	6.0	20.5		1
7978	20 48 43	+ 3 1	+51 54	+22	6.22 R	−0.07	B9	+0.004	+0.006	.		2.0	4.6		3
7979	20 51 59	+ 6 13	−33 11	+22	6.03 H	.	A2	+0.011	+0.015	.	− 7	.	.		
7980	20 51 49	+ 5 58	−26 56	+22	4.11	+1.64	K5III	−0.005	−0.009	−.005	+ 9	.	.		G
7981	20 50 37	+ 4 36	+18 2	+22	6.46 R	+0.03	A1V	+0.071	+0.015	.	+ 13	.	.		
7982	20 51 26	+ 5 18	− 5 38	+22	5.99 H	.	dF3	+0.093	+0.001	+.025	− 25	1.3	.8		D
7983	20 49 55	+ 3 23	+46 39	+22	6.48 R	.	B4n	+0.004	−0.001	.	− 15	5.0	20.3		
7984	20 50 5	+ 3 33	+44 4	+23	5.08 R	.	A4m?	+0.122	+0.134	+.032	− 21	.	.		G
7985	20 52 8	+ 5 17	− 5 30	+23	5.50 H	−0.09	B8	−0.004	+0.003	+.019	− 2	.	.		
7986	20 54 49	+ 7 49	−58 27	+23	3.64	+1.25	K0III	+0.023	−0.025	−.012	− 5V?	.	.		
7987	20 53 40	+ 6 30	−39 49	+22	5.34	+1.32	gK1	+0.040	−0.101	+.014	+ 20	.	.		
7988	20 51 29	+ 4 15	+28 15	+22	5.4 H	.	F5Ib	−0.003	−0.002	+.009	− 1V	.	.		
7989	20 53 1	+ 5 52	−23 47	+22	6.37 H	.	sgG5	+0.096	−0.054	.	− 40	2.0	2.5		3
7990	20 52 40	+ 5 24	− 8 59	+23	4.72	+0.33	A m	+0.041	−0.029	+.012	− 9V?	.	.		R
7991	20 53 24	+ 6 6	−30 43	+23	6.46 H	.	K0	+0.033	−0.009	.		.	.		
7992	20 54 35	+ 7 8	−50 43	+23	6.46 H	.	B9	−0.003	−0.035	.	− 4	.	.		
7993	20 49 17	+ 1 45	+64 2	+22	6.45	+0.07	B0.5V	−0.011	−0.006	.	− 27	.	.		
7994	20 53 5	+ 5 28	−11 34	+23	6.40 H	.	dG1	+0.046	+0.047	.	− 1	.	.		
7995	20 52 8	+ 4 17	+27 5	+22	4.65 R	.	G8III	−0.072	−0.063	+.035	+ 1V?	.	.		6
7996	20 52 0	+ 4 4	+32 51	+23	6.34 R	.	B3III	−0.014	+0.005	.	− 18	.	.		
7997	20 54 7	+ 6 0	−27 55	+23	6.46 H	.	gM4	+0.024	−0.026	.		.	.		
7998	20 53 59	+ 5 20	− 6 53	+23	6.50 H	.	F0	+0.027	−0.025	.		.	.		
7999	20 53 7	+ 4 12	+29 39	+23	6.23 R	.	K2	−0.005	−0.047	.	− 10	.	.		
8000	20 54 48	+ 5 39	−17 55	+23	5.91 H	.	gK0	−0.054	−0.018	.	− 39	.	.		

BS = HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
8001	57 CYG	+43 3755	199081	29150	.	13112		VAR?	20 49 43	+44 1	84 54	+ 0 11
8002	76 DRA	+81 718	199095	29019	.	13056		VAR?	20 49 51	+82 10	115 44	+23 28
8003		+44 3617	199098	29153	4998.	13114			20 49 49	+44 48	85 31	+ 0 18
8004		+41 3922	199099	29155	.	13115			20 49 48	+42 2	83 24	− 1 29
8005		+32 3980	199101	29159	.	13116			20 49 51	+33 3	76 32	− 7 18
8006		− 1 4075	199124	29186	.				20 49 58	− 1 45	46 52	−27 54
8007		+27 3909	199140	29171	.	13125		BW VUL	20 50 8	+28 8	72 45	−10 29
8008	32 VUL	+27 3911	199169	29178	5000.	13129		VAR?	20 50 18	+27 41	72 25	−10 48
8009		+40 4354	199218	29182	.	13131	14413		20 50 38	+40 19	82 12	− 2 43
8010		+ 3 4461	199223	29200	5006.	13140	14430		20 50 40	+ 4 9	52 34	−24 56
8011	17 DEL	+13 4572	199253	29201	5008.	13141			20 50 53	+13 20	60 46	−19 44
8012	16 DEL	+12 4501	199254	29202	.	13142	14429		20 50 52	+12 11	59 46	−20 25
8013		−26 15344	199260	29213	.				20 50 51	−26 41	19 34	−38 5
8014		− 4 5307	199280	29212	.				20 51 4	− 3 57	44 52	−29 15
8015	7 AQR	−10 5553	199345	29220	.	13152	14449	VAR?	20 51 30	−10 5	38 37	−32 14
8016		+80 672	199437	29107	5019.	13092		VAR?	20 52 8	+80 11	114 1	+22 16
8017		− 0 4132	199442	29232	.	13158	14457		20 52 4	+ 0 5	48 57	−27 24
8018		−16 5741	199443	29245	.				20 52 5	−16 25	31 47	−33 0
8019		−68 3398	199475	29293	.				20 52 19	−68 36	325 59	−36 56
8020		+46 3111	199478	29219	.	13151			20 52 27	+47 2	87 30	+ 1 25
8021	α OCT	−77 1474	199532	29343	5023.	13201			20 52 36	−77 24	315 59	−33 39
8022		+50 3232	199578	29233	.				20 53 4	+50 41	90 20	+ 3 44
8023		+44 3639	199579	29241	.	13160			20 53 3	+44 33	85 42	+ 0 18
8024		−15 5848	199603	29265	.				20 53 10	−14 52	33 38	−34 38
8025		+50 3233	199611	29243	.	13161	14460		20 53 15	+50 21	90 6	+ 3 29
8026		+48 3249	199612	29239	5027.	13159			20 53 9	+48 49	88 56	+ 2 30
8027		−51 12778	199623	29288	.				20 53 15	−51 39	347 15	−40 44
8028	58 ν CYG	+40 4364	199629	29251	5028.	13164			20 53 27	+40 47	82 54	− 2 49
8029		+56 2515	199661	29246	.	13162			20 53 37	+56 30	94 49	+ 7 28
8030	18 DEL	+10 4425	199665	29266	.	13170			20 53 37	+10 27	58 41	−21 58
8031		−36 14530	199684	29290	.				20 53 41	−36 31	7 15	−40 37
8032	33 VUL	+21 4424	199697	29267	.	13171			20 53 48	+21 56	68 21	−15 2
8033	20 CAP	−19 5982	199728	29287	.				20 53 55	−19 25	28 32	−36 30
8034	1 EQU	+ 3 4473	199766	29276	5029.	13173	1449BA2		20 54 5	+ 3 55	52 52	−25 46
8035		+43 3777	199870	29274	.				20 54 45	+44 5	85 33	+ 0 50
8036		+41 3949	199892	29284	.				20 54 49	+41 33	83 39	− 2 31
8037		+16 4425	199941	29303	.	13182			20 55 12	+16 26	64 3	−18 42
8038		+ 6 4718	199942	29309	.	13184	K		20 55 9	+ 7 8	55 59	−24 12
8039	γ MIC	−32 16353	199951	29331	5036.	13196	R7559		20 55 10	−32 39	12 20	−40 20
8040		+49 3426	199955	29291	5037.	13178	14504		20 55 18	+50 4	90 6	+ 3 3
8041	11 AQR	− 5 5433	199960	29318	5037.1	13187			20 55 18	− 5 7	44 17	−30 44
8042		−43 14325	200011	29345	5039.1		IA		20 55 35	−43 23	358 12	−41 29
8043		+75 764	200039	29254	.	13166			20 55 55	+75 32	110 8	+19 21
8044		+18 4675	200044	29329	5040.	13194			20 55 53	+18 56	66 13	−17 18
8045		−27 15197	200052	29344	.				20 55 49	−27 16	19 13	−39 18
8046		−39 14079	200073	29351	5041.				20 56 2	−38 55	4 9	−41 20
8047	59 CYG	+46 3133	200120	29327	.	13191	14526	V832 CYG	20 56 25	+47 8	88 2	+ 0 58
8048	ζ MIC	−39 14089	200163	29363	5045.	13210			20 56 35	−39 1	4 2	−41 27
8049		+58 2201	200205	29330	5047.	13195			20 56 57	+59 3	97 4	+ 8 48
8050		−28 17077	200245	29372	.		14565		20 57 12	−28 7	18 15	−39 49

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
8001	20 53 15	+ 3 32	+44 24	+23	4.72 R	−0.14	B5V	+0.006	+0.001	.	− 20V	.	.		R
8002	20 42 35	− 7 16	+82 32	+22	5.67 R	.	A0	+0.030	+0.025	.	− 20	.	.		6
8003	20 53 19	+ 3 30	+45 11	+23	5.44 R	.	G8III	+0.011	+0.002	−.007	− 24	.	.		6
8004	20 53 27	+ 3 39	+42 25	+23	6.45 R	.	A0	+0.008	+0.002	.	− 7	.	.		
8005	20 53 54	+ 4 3	+33 26	+23	5.48 R	.	gK5	−0.018	+0.029	.	− 10	.	.		
8006	20 55 8	+ 5 10	− 1 22	+23	6.58 H	.	F0	−0.006	+0.022	.		.	.		
8007	20 54 23	+ 4 15	+28 31	+23	6.44 H	.	B2III	+0.003	−0.010	.	− 12V	.	.		
8008	20 54 34	+ 4 16	+28 4	+23	5.10 R	.	K4III	−0.005	−0.002	+.003	+ 8	.	.		
8009	20 54 22	+ 3 44	+40 42	+23	6.40 R	−0.08	B6e	+0.007	+0.003	.	− 22	4.2	6.6		4
8010	20 55 40	+ 5 0	+ 4 32	+23	6.04BR	.	sgG6	+0.064	+0.012	−.011	− 31	1.5	2.8		*
8011	20 55 37	+ 4 44	+13 43	+23	5.24 R	.	K0III	+0.010	−0.012	+.017	− 10	.	.		
8012	20 55 38	+ 4 46	+12 34	+23	5.54 R	+0.11	A4V	+0.035	+0.018	.	− 1V	6.3	40.0		*
8013	20 56 47	+ 5 56	−26 18	+23	5.77 H	.	dF8	+0.091	−0.067	.	− 16	.	.		
8014	20 56 18	+ 5 14	− 3 34	+23	6.47 H	−0.08	B9	+0.022	+0.020	.		.	.		
8015	20 56 54	+ 5 24	− 9 42	+23	5.68 H	.	gK5	−0.009	−0.008	.	− 33	5.7	2.1		4
8016	20 47 41	− 4 27	+80 33	+22	5.47 R	.	gK1	−0.032	+0.034	+.010	− 26	.	.		
8017	20 57 11	+ 5 7	+ 0 28	+23	6.09BR	.	K2	+0.013	−0.062	.	− 26	3.7	26.3		3
8018	20 57 41	+ 5 36	−16 2	+23	5.95 H	.	A m	+0.048	+0.000	.	+ 6V	.	.		
8019	21 1 28	+ 9 9	−68 13	+23	6.36	+0.10	A0	−0.008	−0.001	.		.	.		
8020	20 55 50	+ 3 23	+47 25	+23	5.70?	+0.46	B8Ia	−0.006	−0.003	.	− 16	.	.		
8021	21 4 42	+ 12 6	−77 1	+23	5.14	+0.49	F4III	+0.006	−0.367	+.018	+ 60V	.	.		6
8022	20 56 13	+ 3 9	+51 4	+23	6.32 R	−0.10	B8	+0.014	+0.004	.		.	.		
8023	20 56 35	+ 3 32	+44 56	+23	5.96	+0.04	O6	−0.009	+0.007	.	− 6V	.	.		R
8024	20 58 42	+ 5 32	−14 29	+23	6.02 H	+0.24	A3	−0.046	+0.000	.		.	.		
8025	20 56 25	+ 3 10	+50 44	+23	5.72 R	.	F0	+0.032	−0.020	.	− 15	7.7	7.2		*
8026	20 56 25	+ 3 16	+49 12	+23	5.92	+1.03	G8II-III	+0.006	+0.006	+.006	− 15	.	.		
8027	21 0 21	+ 7 6	−51 15	+24	5.88 H	.	F6IV	−0.108	+0.130	.	− 21	.	.		
8028	20 57 11	+ 3 44	+41 10	+23	4.00 R	+0.01	A0V	+0.008	−0.016	+.003	− 27V	.	.		6
8029	20 56 17	+ 2 40	+56 53	+23	6.18 R	.	B3	+0.002	+0.010	.	− 19	.	.		
8030	20 58 26	+ 4 49	+10 50	+23	5.84 R	.	gG6	−0.056	−0.035	.	+ 0	.	.		
8031	21 0 0	+ 6 19	−36 8	+23	6.12 H	.	dF6	+0.095	−0.042	.	+ 15	.	.		
8032	20 58 16	+ 4 28	+22 19	+23	5.33 R	.	gK4	−0.008	+0.004	.	− 28	.	.		
8033	20 59 36	+ 5 41	−19 2	+23	6.23 H	.	A0si	+0.008	−0.012	.		.	.		
8034	20 59 5	+ 5 0	+ 4 18	+23	5.29 H	.	F5IV	−0.115	−0.146	+.016	+ 18	.5	1.2	3	D
8035	20 58 20	+ 3 35	+44 28	+23	5.56 R	.	G8III	+0.103	+0.072	.		.	.		G
8036	20 58 31	+ 3 42	+41 56	+23	6.01 R	−0.06	B9	−0.004	+0.013,	.		.	.		
8037	20 59 51	+ 4 39	+16 49	+23	6.46 R	.	F2	+0.036	−0.014	.	+ 2	.	.		
8038	21 0 4	+ 4 55	+ 7 31	+23	5.96BR	.	A5	+0.024	+0.022	.009D	− 24	1.4	.2		D
8039	21 1 18	+ 6 8	−32 16	+23	4.66	+0.89	G4III	+0.008	+0.005	+.026	+ 18	9.3	26.4		G
8040	20 58 30	+ 3 12	+50 27	+23	5.55BR	−0.13	B8	+0.011	+0.009	+.006	− 21	1.3	2.3	3	D
8041	21 0 34	+ 5 16	− 4 44	+23	6.26 H	.	G1V	+0.045	−0.128	+.036	− 17	.	.		
8042	21 2 12	+ 6 37	−43 0	+23	6.63?	+0.68	G3IV	+0.056	−0.104	+.011	− 30	.4	60.0		D
8043	20 54 44	− 1 11	+75 55	+23	6.06 R	.	G5	+0.036	+0.045	.	− 25	.	.		
8044	21 0 27	+ 4 34	+19 19	+23	5.73 R	.	gM3	−0.023	−0.054	+.006	− 15	.	.		
8045	21 1 45	+ 5 56	−26 53	+23	5.92 H	.	A3m	+0.013	−0.024	.		.	.		
8046	21 2 27	+ 6 25	−38 32	+23	5.94 H	.	K0	+0.159	−0.158	+.013	+ 7V		.		
8047	20 59 49	+ 3 24	+47 31	+23	4.55	−0.04	B1IV?e	+0.000	+0.003	.	+ 1V	4.3	20.3	4	*
8048	21 2 58	+ 6 23	−38 38	+23	5.35 H	.	dF2	−0.023	−0.114	+.017	+ 5V?	.	.		
8049	20 59 25	+ 2 28	+59 26	+23	5.70 R	.	gK4	+0.040	+0.010	+.001	− 17	.	.		
8050	21 3 10	+ 5 58	−27 43	+24	6.19 H	.	g?G8	+0.032	−0.045	.		1.0	.4		2

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
8051		+35 4357	200253	29350	.	13205			20 57 14	+35 38	79 31	− 6 46
8052		−76 1473	200266	29458	.				20 57 15	−76 37	316 42	−34 13
8053	60 CYG	+45 3364	200310	29354	.	13207	14549		20 57 41	+45 46	87 9	+ 0 6
8054		− 1 4095	200340	29377	.				20 57 50	− 1 19	48 27	−29 22
8055	μ IND	−55 9509	200365	29420	5050.	13237			20 57 53	−55 7	342 35	−40 57
8056		+ 0 4648	200375	29382	5051.	13219	14573		20 57 59	+ 1 8	50 51	−28 6
8057		+14 4518	200430	29389	.	13221			20 58 19	+14 20	62 46	−20 35
8058	12 AQR	− 6 5664	200496	29416	.		14592		20 58 47	− 6 13	43 39	−32 2
8059	12 AQR	− 6 5664	200497	29417	.	13234	14592		20 58 47	− 6 13	43 39	−32 2
8060	22 η CAP	−20 6115	200499	29419	5055.	13236	F		20 58 43	−20 15	28 3	−37 51
8061		−73 2192	200525	29489	5058.	13265	I		20 58 54	−73 34	320 1	−35 36
8062		+44 3679	200527	29388	.	13220			20 58 50	+44 24	86 16	− 1 10
8063		+38 4325	200577	29408	.	13228			20 59 12	+38 16	81 45	− 5 19
8064		+45 3374	200595	29403	5064.	13226	14585		20 59 17	+45 27	87 6	+ 0 31
8065		+56 2524	200614	29393	.		14575		20 59 24	+56 16	95 10	+ 6 43
8066	3 EQU	+ 4 4606	200644	29430	5066.	13244			20 59 36	+ 5 6	54 49	−26 15
8067		+ 2 4297	200661	29434	.	13246			20 59 39	+ 2 33	52 27	−27 41
8068		+ 1 4418	200663	29435	.	13247			20 59 41	+ 1 52	51 48	−28 4
8069	η MIC	−41 14379	200702	29461	.				20 59 55	−41 47	0 22	−42 14
8070	δ MIC	−30 18382	200718	29453	.				20 59 59	−30 31	15 21	−40 56
8071		+41 3987	200723	29428	.	13243			21 0 7	+41 14	84 5	− 3 28
8072		+49 3448	200740	29424	.	13241			21 0 10	+49 57	90 32	+ 2 24
8073		−64 4094	200751	29503	.				21 0 14	−64 20	330 48	−39 2
8074		+46 3159	200753	29427	.	13242			21 0 16	+46 28	87 58	+ 0 2
8075	23 θ CAP	−17 6174	200761	29460	5068.	13257			21 0 20	−17 38	31 18	−37 17
8076		−32 16398	200763	29465	5069.	13260			21 0 18	−32 44	12 29	−41 25
8077	4 EQU	+ 5 4697	200790	29451	5071.	13253			21 0 29	+ 5 34	55 23	−26 10
8078		+52 2859	200817	29438	.	13248			21 0 44	+52 53	92 46	+ 4 18
8079	62 ξ CYG	+43 3800	200905	29459	5074.	13256		VAR?	21 1 18	+43 32	85 56	− 2 4
8080	24 CAP	−25 15235	200914	29490	5075.	13266	14632		21 1 17	−25 24	21 59	−38 0
8081		−73 2195	200924	29558	.				21 1 17	−72 57	320 37	−36 0
8082		+26 4073	201051	29491	.	13268			21 2 2	+26 32	73 14	−13 32
8083		−18 5862	201057	29520	.			VAR?	21 2 8	−17 51	31 15	−37 45
8084	DT CYG	+30 4318	201078	29502	.	13270		DT CYG	21 2 18	+30 47	76 33	−10 47
8085	61 CYG	+38 4343	201091	29509	5077.	13272	14636A		21 2 25	+38 15	82 10	− 5 48
8086	61 CYG	+38 4344	201092	29509	.	13273	14636B		21 2 26	+38 15	82 10	− 5 48
8087	25 χ CAP	−21 5933	201184	29543	5079.	13286	I		21 2 50	−21 36	26 49	−39 12
8088		+15 4340	201196	29530	.	13283			21 2 51	+15 16	64 16	−20 52
8089	63 CYG	+47 3292	201251	29519	5082.	13276	14649	VAR?	21 3 9	+47 15	88 53	+ 0 12
8090		+ 6 4754	201298	29548	.	13289			21 3 32	+ 6 35	56 48	−26 13
8091	27 CAP	−21 5940	201352	29567	.	13295		VAR?	21 3 50	−20 57	27 43	−39 13
8092	o PAV	−70 2835	201371	29606	5085.	13315			21 3 58	−70 32	323 16	−37 11
8093	13 ν AQR	−11 5538	201381	29571	5086.	13297			21 4 9	−11 47	38 26	−35 46
8094		+29 4324	201433	29562	5088.	13293	14682	V389 CYG	21 4 24	+29 48	76 6	−11 46
8095		+ 2 4311	201507	29582	.	13302			21 4 55	+ 2 32	53 15	−28 48
8096		− 9 5674	201567	29593	.				21 5 23	− 9 46	40 49	−35 8
8097	5 γ EQU	+ 9 4732	201601	29591	5091.	13305	14702AB	VAR?	21 5 29	+ 9 44	59 56	−24 45
8098	6 EQU	+ 9 4735	201616	29596	5093.	13306	14702D		21 5 40	+ 9 38	59 52	−24 51
8099		+70 1164	201636	29550	5094.	13290			21 5 48	+71 2	106 57	+15 57
8100		−40 14216	201647	29614	5095.	13322			21 5 48	−40 40	1 56	−43 19

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
8051	21 1 13	+ 3 59	+36 2	+24	5.92 R	.	gG5	−0.017	+0.009	.	− 10	.	.		6
8052	21 8 48	+ 11 33	−76 13	+24	6.57	+1.23	K0	−0.022	−0.020	.		.	.		
8053	21 1 10	+ 3 29	+46 10	+24	5.40	−0.20	B1Ve	+0.003	+0.007	.	− 10V	4.2	3.1		2
8054	21 2 59	+ 5 9	− 0 55	+24	6.31 H	−0.10	B8	+0.003	+0.000	.		.	.		
8055	21 5 14	+ 7 21	−54 43	+24	5.20 H	.	gK2	+0.006	−0.037	+.016	+ 12	.	.		
8056	21 3 3	+ 5 4	+ 1 32	+24	6.50 H	.	F5	−0.120	−0.050	+.035	+ 7	.5	1.6		2
8057	21 3 2	+ 4 43	+14 44	+24	6.21 R	.	M1	+0.017	+0.005	.	− 39	.	.		
8058	21 4 4	+ 5 17	− 5 49	+24	7.31 H	.	A3	−0.003	+0.015	.003D		2.1	3.3		D
8059	21 4 4	+ 5 17	− 5 49	+24	5.89 H	.	gG4	+0.012	−0.006	.003D	− 1	2.1	3.3		D
8060	21 4 24	+ 5 41	−19 51	+24	4.83	+0.15	A3m?	−0.037	−0.036	+.044	+ 24	.	.3		
8061	21 9 22	+ 10 28	−73 11	+23	5.67	+0.60	G3IV	+0.431	−0.336	+.040	− 14	8.7	8.1		G
8062	21 2 24	+ 3 34	+44 48	+24	6.20 R	.	M3I-IIb?	−0.017	+0.002	.	+ 1	.	.		
8063	21 3 5	+ 3 53	+38 40	+24	6.05 R	.	gG8	+0.012	−0.008	.	− 3	.	.		
8064	21 2 48	+ 3 31	+45 51	+24	6.49	−0.15	B7	−0.008	−0.002	−.001	− 12V	.0	.4		*
8065	21 2 9	+ 2 45	+56 40	+24	5.83 R	−0.07	B9	+0.012	+0.004	.004D		1.0	1.9		2
8066	21 4 35	+ 4 59	+ 5 30	+24	5.77 R	.	gK5	+0.013	+0.000	+.009	− 16	.	.		
8067	21 4 42	+ 5 3	+ 2 57	+24	6.42 R	.	K0	+0.009	+0.003	.	− 10	.	.		
8068	21 4 46	+ 5 5	+ 2 16	+24	6.28 R	.	G5	+0.088	−0.062	.	− 12	.	.		
8069	21 6 25	+ 6 30	−41 23	+24	5.56 H	.	gK2	+0.025	−0.015	.	+ 11	.	.		
8070	21 6 1	+ 6 2	−30 7	+24	5.71 H	.	gK0	+0.030	−0.072	.		.	.		
8071	21 3 52	+ 3 45	+41 38	+24	6.27 R	.	F2	−0.002	−0.054	.	− 8	2.	57.		*
8072	21 3 26	+ 3 16	+50 21	+24	6.32 R	.	K0	+0.056	+0.052	.	− 22	.	.		G
8073	21 8 33	+ 8 19	−63 56	+24	5.75	+1.18	g?G9	+0.008	−0.011	.		.	.		
8074	21 3 43	+ 3 27	+46 52	+24	6.37	+0.25	F2III	−0.059	−0.110	.	− 15V	.	.		R
8075	21 5 57	+ 5 37	−17 14	+24	4.06	−0.02	A0V	+0.082	−0.058	+.010	− 11	.	.		
8076	21 6 25	+ 6 7	−32 20	+24	5.26 H	.	gK3	−0.004	+0.011	+.007	+ 3	.	.		
8077	21 5 26	+ 4 57	+ 5 58	+24	5.87 R	.	F8	−0.096	−0.127	+.011	− 22	.	.		
8078	21 3 47	+ 3 3	+53 17	+24	5.88 R	.	gK0	+0.053	+0.016	.	− 27	.	.		
8079	21 4 56	+ 3 38	+43 56	+24	3.72	+1.69	K5Ib	+0.003	+0.002	+.002	− 20V	.	.		6
8080	21 7 8	+ 5 51	−25 0	+24	4.50	+1.61	M1III	−0.030	−0.043	+.016	+ 32	7.3	26.4		
8081	21 11 21	+ 10 4	−72 33	+24	6.19	+1.08	gG9	+0.029	−0.022	.		.	.		
8082	21 6 23	+ 4 21	+26 56	+24	6.09 R	.	sgK1	+0.033	−0.017	.	− 6	.	.		
8083	21 7 45	+ 5 37	−17 27	+24	6.03 H	.	A0	+0.014	−0.025	.		.	.		
8084	21 6 30	+ 4 12	+31 11	+24	5.7 H	.	F5.5I-II	−0.005	−0.003	.	+ 0V	.	.		
8085	21 6 54	+ 4 29	+38 44	+29	5.19	+1.19	K5V	+4.120	+3.179	+.292	− 64	.7	24.9	6	*
8086	21 6 55	+ 4 29	+38 44	+29	6.02	+1.38	K7V	+4.120	+3.179	.	− 64	.7	24.9	6	*
8087	21 8 34	+ 5 44	−21 12	+24	5.27 H	.	A0V	+0.017	−0.057	+.038	− 7	6.0	67.0		
8088	21 7 33	+ 4 42	+15 40	+24	6.36 R	.	K0	+0.040	−0.058	.	− 34	.	.		
8089	21 6 36	+ 3 27	+47 39	+24	4.56	+1.60	K4II	+0.005	−0.001	+.006	− 26	9.5	15.8		
8090	21 8 28	+ 4 56	+ 6 59	+24	6.23 R	.	K5	−0.016	+0.000	.	+ 20	.	.		
8091	21 9 33	+ 5 43	−20 33	+24	6.15 H	.	dF1	+0.118	−0.123	.	− 43	.	.		
8092	21 13 20	+ 9 22	−70 8	+24	5.01	+1.58	M2III	+0.046	−0.024	+.001	− 19V	.	.		6
8093	21 9 36	+ 5 27	−11 23	+24	4.50	+0.94	G8III	+0.091	−0.012	+.014	− 12	.	.		
8094	21 8 39	+ 4 15	+30 12	+24	5.6 H	.	A0	+0.021	−0.017	−.010	− 26V	2.0	3.6	4	*
8095	21 9 58	+ 5 3	+ 2 56	+24	6.41 R	.	F2	+0.036	+0.019	.	− 44	.	.		
8096	21 10 46	+ 5 23	− 9 22	+24	6.28	+1.16	K0	+0.109	−0.054	.		.	.		
8097	21 10 21	+ 4 52	+10 8	+24	4.64	+0.27	F p	+0.058	−0.154	+.021	− 17V	6.8	2.4	4	D
8098	21 10 31	+ 4 51	+10 2	+24	5.99 R	.	A1	−0.013	+0.017	+.008	+ 7	.	.	4	
8099	21 6 24	+ 0 36	+71 26	+24	5.89 R	.	F2	−0.055	−0.108	+.030	+ 2	.	.		
8100	21 12 13	+ 6 25	−40 16	+24	5.83	+0.46	F7V	+0.043	−0.221	+.034	+ 11V?	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
8101		+21 4486	201671	29601	.	13311	14710 A		21 6 2	+22 3	70 19	−17 9
8102		−15 5908	201707	29612	.	13321			21 6 10	−14 53	35 11	−37 31
8103		+44 3718	201733	29598	.	13308			21 6 23	+45 6	87 42	− 1 40
8104		−39 14152	201772	29640	5097.	13331			21 6 39	−39 50	3 6	−43 27
8105		+35 4426	201819	29616	.	13323	14724		21 7 2	+35 53	81 3	− 8 5
8106		+52 2880	201834	29608	.	13316			21 7 10	+53 9	93 38	+ 3 46
8107		+47 3322	201836	29610	.	13318	14720		21 7 3	+47 17	89 22	+ 0 15
8108		−36 14676	201852	29648	.				21 7 4	−36 50	7 13	−43 19
8109		+62 1903	201888	29603	.	13312			21 7 21	+62 53	100 49	+10 24
8110		−28 17178	201901	29652	.	13334			21 7 22	−28 2	19 3	−41 58
8111		−75 1697	201906	29726	.				21 7 23	−75 46	317 17	−35 8
8112		+77 800	201908	29563	.	13294			21 7 30	+77 43	112 24	+20 11
8113	T CEP	+67 1291	202012	29611	5101.	13320		T CEP	21 8 13	+68 5	104 48	+13 51
8114		−53 10015	202103	29704	.		F		21 8 37	−53 41	344 6	−42 45
8115	64 ζ CYG	+29 4348	202109	29661	5103.	13338			21 8 41	+29 49	76 45	−12 27
8116		+15 4375	202128	29673	5105.	13340	14761		21 8 46	+15 34	65 29	−21 48
8117		−41 14440	202135	29696	.				21 8 49	−40 55	1 37	−43 53
8118		−11 5553	202149	29685	.				21 8 52	−11 1	39 55	−36 28
8119		+59 2334	202214	29655	.	13336	14749		21 9 15	+59 35	98 31	+ 7 59
8120		+36 4470	202240	29682	.	13342			21 9 25	+36 13	81 37	− 8 12
8121		− 0 4186	202259	29698	.				21 9 29	− 0 19	51 13	−31 18
8122		−17 6216	202261	29709	.				21 9 31	−17 46	32 10	−39 22
8123	7 δ EQU	+ 9 4746	202275	29697	5107.	13348	14773		21 9 37	+ 9 36	60 30	−25 39
8124		−36 14699	202287	29717	.				21 9 33	−36 38	7 33	−43 48
8125		−65 3900	202299	29751	.			VAR?	21 9 44	−65 6	329 26	−39 44
8126		+29 4354	202314	29695	.	13347			21 9 54	+29 29	76 41	−12 52
8127	28 ϕ CAP	−21 5974	202320	29722	5108.	13359			21 9 56	−21 4	28 11	−40 36
8128	29 CAP	−15 5935	202369	29727	5110.	13361		VAR?	21 10 13	−15 35	34 51	−38 41
8129		−85 519	202418	29964	.				21 10 33	−85 14	307 32	−30 24
8130	65 τ CYG	+37 4240	202444	29723	5114.	13360	14787	VAR?	21 10 48	+37 37	82 50	− 7 26
8131	8 α EQU	+ 4 4635	202447	29735	5115.	13363			21 10 50	+ 4 50	56 22	−28 42
8132		− 2 5495	202554	29754	.				21 11 29	− 2 2	49 49	−32 39
8133		+63 1708	202582	29718	.	13354	14783		21 11 39	+64 0	101 59	+10 49
8134		−13 5897	202606	29765	.				21 11 45	−13 42	37 15	−38 16
8135	ϵ MIC	−32 16498	202627	29774	5120.	13373			21 11 53	−32 35	13 12	−43 48
8136		+47 3348	202654	29750	.	13368			21 12 8	+47 33	90 9	+ 0 41
8137	30 CAP	−18 5903	202671	29781	.	13374			21 12 21	−18 24	31 44	−40 13
8138		+41 4067	202720	29766	.	13371			21 12 42	+41 50	86 8	− 4 46
8139	31 CAP	−18 5904	202723	29788	.				21 12 40	−17 53	32 23	−40 6
8140	θ IND	−53 10037	202730	29819	5122.	13390	IA		21 12 44	−53 52	343 41	−43 18
8141	15 AQR	− 5 5512	202753	29793	5125.				21 12 56	− 4 56	47 4	−34 28
8142		−29 17692	202773	29805	.				21 13 0	−29 11	17 53	−43 26
8143	67 σ CYG	+38 4431	202850	29786	5126.	13376		VAR?	21 13 29	+38 59	84 12	− 6 52
8144		+42 4046	202862	29791	.				21 13 36	+42 16	86 34	− 4 35
8145	T IND	−45 14302	202874	29831	.	13401		T IND	21 13 34	−45 27	355 15	−44 38
8146	66 υ CYG	+34 4371	202904	29802	5127.	13383	14831	VAR?	21 13 48	+34 29	80 59	−10 3
8147		+53 2588	202923	29789	.	13378			21 13 54	+53 34	94 38	+ 3 21
8148		−26 15541	202940	29832	5129.	13402	14847		21 14 0	−26 46	21 11	−43 6
8149		+10 4516	202951	29821	.	13392			21 14 1	+10 47	62 16	−25 47
8150		+55 2549	202987	29798	.	13381			21 14 15	+55 23	95 58	+ 4 35

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
8101	21 10 32	+ 4 30	+22 27	+24	6.32BR	.	A0	+0.015	−0.007	.	− 12	1.0	17.9		D
8102	21 11 41	+ 5 31	−14 28	+25	6.44 H	.	gF0	+0.035	+0.006	.	− 39	.	.		
8103	21 9 58	+ 3 35	+45 30	+24	6.46 R	.	B3e	+0.001	−0.002	.	+ 9	.	.		
8104	21 13 3	+ 6 24	−39 26	+24	5.26 H	.	dF4	+0.183	−0.123	+.021	− 44V	.	.		R
8105	21 11 3	+ 4 1	+36 18	+25	6.35 R	.	B1Vp	+0.017	−0.015	.	− 6	5.7	22.2		G
8106	21 10 15	+ 3 5	+53 34	+25	5.66 R	−0.12	A p	+0.023	+0.001	.	− 21V	.	.		
8107	21 10 31	+ 3 28	+47 41	+24	6.37 R	.	B5	+0.001	−0.008	.	− 9	.8	135.6	4	D
8108	21 13 19	+ 6 15	−36 25	+25	6.07 H	.	gG8	+0.026	−0.012	.		.	.		
8109	21 9 29	+ 2 8	+63 17	+24	6.47 R	−0.11	B5	+0.011	+0.007	.	− 24	.	.		
8110	21 13 18	+ 5 56	−27 38	+24	5.55 H	.	K5III	+0.103	−0.123	.	− 42	.	.		
8111	21 18 16	+ 10 53	−75 21	+25	6.62	+0.03	A0	+0.012	−0.035	.		.	.		
8112	21 5 29	− 2 1	+78 7	+24	5.90	−0.07	B9	+0.021	+0.033	.	− 16	.	.		6
8113	21 9 32	+ 1 19	+68 29	+24	5.2 H	.	gM7e	−0.035	−0.064	−.001	− 12	.	.		
8114	21 15 45	+ 7 8	−53 16	+25	5.74?	+0.19	A7V	+0.022	−0.018	.	− 13	.	.2		
8115	21 12 56	+ 4 15	+30 14	+25	3.20	+1.00	G8II	−0.003	−0.056	+.021	+ 17V	.	.		
8116	21 13 28	+ 4 42	+15 59	+25	6.16 R	.	A3	+0.038	−0.023	−.014	− 30	.0	.3		D
8117	21 15 14	+ 6 25	−40 30	+25	6.30 H	.	gK2	+0.135	−0.009	.	− 42	.	.		
8118	21 14 16	+ 5 24	−10 36	+25	6.49 H	−0.08	B9	+0.009	+0.006	.		.	.		
8119	21 11 48	+ 2 33	+60 0	+25	5.68?	+0.12	B0V	−0.003	−0.003	.002D	− 16	1.0	1.2		*
8120	21 13 26	+ 4 1	+36 38	+25	6.01 R	.	A5	−0.022	+0.006	.	− 13	.	.		
8121	21 14 37	+ 5 8	+ 0 6	+25	6.58 H	.	K5	+0.024	−0.006	.		.	.		
8122	21 15 7	+ 5 36	−17 21	+25	6.22 H	.	G5	−0.007	−0.018	.		.	.		
8123	21 14 29	+ 4 52	+10 0	+24	4.51	+0.49	F7V	+0.043	−0.303	+.053	− 15V	.1	.4	3	*
8124	21 15 46	+ 6 13	−36 13	+25	6.14 H	.	K0	+0.025	−0.006	.		.	.		
8125	21 18 0	+ 8 16	−64 41	+25	6.30	−0.07	A0	+0.007	−0.037	.		.	.		
8126	21 14 10	+ 4 16	+29 54	+25	6.12 R	.	G2Ib	−0.003	+0.006	.	− 5	.	.		
8127	21 15 37	+ 5 41	−20 39	+25	5.35 H	.	gG9	+0.011	+0.002	+.014	− 5	.	.		
8128	21 15 45	+ 5 32	−15 10	+25	5.28	+1.62	gM3	+0.023	+0.007	−.006	− 38	.	.		
8129	21 32 3	+ 21 30	−84 48	+26	6.44	+1.40	K2	+0.048	−0.023	.		.	.		
8130	21 14 48	+ 4 0	+38 3	+26	3.69	+0.37	F0IV	+0.159	+0.436	+.047	− 21V	4.2	1.2	7	*
8131	21 15 50	+ 5 0	+ 5 15	+25	3.92	+0.53	F8+A3	+0.054	−0.087	+.013	− 16V	.	.		6
8132	21 16 39	+ 5 10	− 1 37	+25	6.41 H	.	K0	+0.031	−0.011	.		.	.		
8133	21 13 42	+ 2 3	+64 25	+25	6.33 R	.	G0	+0.024	−0.103	.024D	+ 30	.2	.9		D
8134	21 17 13	+ 5 28	−13 17	+25	6.18 H	.	A0	−0.026	+0.000	.		.	.		
8135	21 17 57	+ 6 4	−32 10	+25	4.70	+0.06	A2p	+0.051	−0.024	+.027	− 1V	.	.		
8136	21 15 37	+ 3 29	+47 58	+25	6.32 R	.	B5n	−0.045	−0.023	.	− 26V	.	.		6
8137	21 17 57	+ 5 36	−17 59	+25	5.39 H	−0.12	B8	+0.014	+0.000	.	− 11	.	.		
8138	21 16 30	+ 3 48	+42 15	+25	6.39 R	.	K2	+0.000	−0.028	.	+ 8	.	.		
8139	21 18 16	+ 5 36	−17 28	+25	6.31 H	.	A5	+0.033	+0.006	.		.	.		
8140	21 19 51	+ 7 7	−53 27	+25	4.38	+0.19	A4V	+0.102	−0.072	+.035	− 15	2.4	5.9		2
8141	21 18 11	+ 5 15	− 4 31	+25	5.68 H	−0.13	B7	+0.010	+0.019	+.006		.	.		
8142	21 18 54	+ 5 54	−28 46	+25	6.39	+0.97	G5	−0.184	−0.057	.	+ 38	.	.		
8143	21 17 25	+ 3 56	+39 24	+25	4.24	+0.10	B9Iab	−0.005	−0.003	−.007	− 4V	.	.		*
8144	21 17 23	+ 3 47	+42 41	+25	6.08 R	−0.11	B8	+0.012	−0.008	.		.	.		
8145	21 20 9	+ 6 35	−45 2	+25	7.2 H	.	Na	−0.004	−0.010	.	+ 2	.	.		
8146	21 17 55	+ 4 7	+34 54	+25	4.45	−0.12	B2Ve	+0.009	−0.004	+.016	+ 4	5.6	15.2	3	*
8147	21 17 2	+ 3 8	+53 59	+25	5.95 R	.	A0	+0.030	+0.033	.	− 8	.	.		
8148	21 19 47	+ 5 47	−26 21	+25	6.55	+0.72	dG4	−0.542	−0.355	+.049	− 30V	2.5	3.5	3	*
8149	21 18 52	+ 4 51	+11 12	+25	6.16 R	.	K5	+0.031	+0.015	.	− 37	.	.		
8150	21 17 14	+ 2 59	+55 48	+25	6.03 R	.	K3III	+0.014	+0.015	.	− 19	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
8151	θ^1 MIC	−41 14475	203006	29854	5130.	13410			21 14 22	−41 14	1 11	−44 56
8152		−50 13325	203010	29858	.			VAR?	21 14 25	−50 22	348 23	−44 12
8153		+57 2309	203025	29804	.	13384	14832	VAR?	21 14 34	+58 11	97 59	+ 6 31
8154	68 CYG	+43 3877	203064	29823	.	13394			21 14 43	+43 31	87 36	− 3 51
8155		+40 4485	203096	29836	.	13404	14849		21 15 3	+40 37	85 35	− 5 56
8156	Y PAV	−70 2844	203133	29915	.			Y PAV	21 15 13	−70 10	323 11	−38 11
8157		+37 4271	203156	29847	.	13407	14859		21 15 23	+37 49	83 37	− 7 57
8158		+21 4521	203206	29864	.	13416			21 15 41	+21 37	71 32	−19 7
8159		−72 2598	203212	29934	.		I		21 15 46	−72 14	320 50	−37 18
8160	16 AQR	− 5 5524	203222	29877	5137.	13424			21 15 50	− 4 59	47 28	−35 6
8161		+48 3345	203245	29856	5138.	13413			21 16 2	+49 5	91 42	+ 0 4
8162	5 α CEP	+61 2111	203280	29848	5139.	13408	14858		21 16 12	+62 10	101 0	+ 9 10
8163	9 EQU	+ 6 4802	203291	29880	.	13425			21 16 8	+ 6 56	59 11	−28 32
8164		+58 2249	203338	29860	.	13414	14864		21 16 30	+58 12	98 11	+ 6 21
8165		+23 4294	203344	29884	5142.	13428			21 16 33	+23 26	73 6	−18 3
8166		+31 4425	203358	29881	.	13427	14889		21 16 37	+32 2	79 36	−12 10
8167	32 ι CAP	−17 6245	203387	29903	5143.	13439			21 16 41	−17 16	33 37	−40 46
8168		+76 833	203399	29816	.	13389			21 16 48	+76 35	111 51	+19 3
8169		+32 4134	203439	29896	5148.	13435			21 17 09	+32 11	79 47	−12 09
8170		+39 4529	203454	29889	5147.	13431			21 17 7	+39 55	85 22	− 6 42
8171	6 CEP	+64 1527	203467	29875	5149.	13420			21 17 18	+64 27	102 44	+10 41
8172		−23 16877	203475	29923	.	13444			21 17 17	−23 6	26 18	−42 51
8173	1 PEG	+19 4691	203504	29914	5150.	13440	14909		21 17 28	+19 23	70 3	−20 55
8174		+80 690	203501	29792	.	13379			21 17 31	+80 49	115 15	+21 50
8175	17 AQR	− 9 5728	203525	29925	.	13445			21 17 35	− 9 45	42 33	−37 48
8176		−83 716	203532	30062	.				21 17 37	−83 7	309 28	−31 44
8177		−47 13796	203548	29944	.				21 17 42	−47 3	352 54	−45 12
8178	10 β EQU	+ 6 4811	203562	29931	5151.	13447	14920		21 17 56	+ 6 23	58 59	−29 14
8179		+60 2227	203574	29898	.	13436			21 18 0	+60 20	99 50	+ 7 44
8180	θ^2 MIC	−41 14503	203585	29950	.	13458	I		21 18 2	−41 26	0 53	−45 37
8181	γ PAV	−65 3918	203608	29979	5152.	13468		VAR?	21 18 11	−65 49	328 8	−40 16
8182		+29 4397	203630	29933	.	13448			21 18 24	+29 53	78 17	−13 56
8183	33 CAP	−21 6007	203638	29953	5154.	13459		VAR?	21 18 29	−21 17	28 46	−42 33
8184		−23 16889	203639	29951	.				21 18 25	−23 11	26 17	−43 7
8185		+48 3357	203644	29926	5153.	13446			21 18 32	+48 58	91 54	+ 0 26
8186		+38 4471	203696	29939	.	13453			21 18 47	+38 12	84 22	− 8 9
8187	18 AQR	−13 5923	203705	29957	.			VAR?	21 18 44	−13 18	38 38	−39 38
8188	γ IND	−55 9586	203760	29994	.			VAR?	21 19 8	−55 6	341 44	−43 56
8189		+36 4537	203784	29955	.	13460			21 19 20	+36 58	83 34	− 9 6
8190		+23 4300	203803	29965	5155.	13461			21 19 28	+23 51	73 54	−18 16
8191		+ 9 4800	203842	29969	.	13464			21 19 32	+ 9 44	62 17	−27 30
8192	20 AQR	− 4 5444	203843	29976	.	13466			21 19 39	− 3 50	49 16	−35 20
8193		+36 4543	203857	29966	.	13462			21 19 46	+36 55	83 36	− 9 12
8194		+24 4394	203858	29968	.	13463	14943		21 19 40	+24 53	74 43	−17 35
8195	19 AQR	−10 5668	203875	29988	5156.1				21 19 51	−10 10	42 24	−38 30
8196	SX PAV	−70 2850	203881	30026	5157.	13486		SX PAV	21 19 49	−69 56	323 14	−38 39
8197		+23 4305	203886	29973	.	13465			21 19 54	+24 6	74 9	−18 10
8198		+25 4531	203925	29980	.	13469			21 20 8	+25 45	75 27	−17 4
8199	21 AQR	− 4 5446	203926	29993	.	13470			21 20 4	− 3 59	49 11	−35 30
8200		−38 14551	203949	30007	.				21 20 8	−38 16	5 26	−44 0

BS= HR	RA (2000)	$\Delta\alpha$ 100 YR	DEC (2000)	$\Delta\delta$ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
8151	21 20 46	+ 6 24	−40 49	+25	4.81	+0.02	A p	+0.078	−0.003	+.008	+ 2	.	.		
8152	21 21 16	+ 6 51	−49 57	+25	6.37	+1.32	K2	−0.026	−0.149	.	+ 22	.	.		
8153	21 17 19	+ 2 45	+58 36	+25	6.42	+0.22	B2IIIe	−0.002	+0.004	.	− 17V	5.6	3.9		*
8154	21 18 27	+ 3 44	+43 56	+25	4.99	+0.00	O8	−0.001	−0.009	.	+ 1V	.	.		
8155	21 18 55	+ 3 52	+41 2	+25	6.19 R	.	A5	−0.009	+0.009	.	+ 7	5.5	56.0	3	
8156	21 24 16	+ 9 3	−69 44	+26	5.7 H	.	N0	+0.007	−0.017	.		.	.		
8157	21 19 22	+ 3 59	+38 14	+25	5.75 R	.	F2	+0.007	−0.006	.	− 7	.0	.3		*
8158	21 20 14	+ 4 33	+22 2	+25	6.15 R	−0.10	B7IV	−0.001	+0.011	.	− 17	.	.		
8159	21 25 18	+ 9 32	−71 48	+26	6.08	+1.26	K0	+0.021	−0.007	.		5.3	44.6		
8160	21 21 4	+ 5 14	− 4 34	+25	5.97 H	.	gG7	−0.016	+0.013	+.015	− 6	.	.		
8161	21 19 28	+ 3 26	+49 30	+25	5.66 R	.	B5	+0.012	+0.009	−.001	− 23	.	.		6
8162	21 18 35	+ 2 23	+62 35	+25	2.41	+0.23	A7IV-V	+0.147	+0.050	+.063	− 10	7.8	209.2	4	
8163	21 21 5	+ 4 57	+ 7 21	+25	5.83 R	.	gM2	+0.036	−0.017	.	− 20	.	.		
8164	21 19 16	+ 2 46	+58 37	+25	5.68BR	.	M1Ibep+B	+0.002	+0.000	.	− 21	4.3	5.1	3	D
8165	21 21 4	+ 4 31	+23 51	+25	5.57	+1.05	K0III-IV	+0.235	−0.126	−.005	− 89	.	.		
8166	21 20 50	+ 4 13	+32 27	+25	6.31 R	.	G8IV	+0.048	−0.034	.018D	− 29	.7	2.1		D
8167	21 22 15	+ 5 34	−16 50	+26	4.28	+0.90	G8III	+0.032	+0.007	+.024	+ 12	.	.		
8168	21 15 43	− 1 5	+77 0	+25	6.00 R	.	gK5	+0.014	+0.014	.	+ 15	.	.		
8169	21 21 22	+ 4 13	+32 37	+26	5.95 R	+0.03	A2V	+0.014	−0.012	+.005	− 3V	.	.		R
8170	21 21 1	+ 3 54	+40 20	+25	6.40	+0.53	F8V	−0.023	−0.207	+.036	+ 1V	.	.		*
8171	21 19 22	+ 2 4	+64 52	+25	5.14	−0.02	B3Ve	+0.004	+0.005	−.016	− 18V	.	.		
8172	21 23 1	+ 5 44	−22 40	+26	5.60	+1.61	gM1	+0.036	+0.011	.	− 7	.	.		
8173	21 22 5	+ 4 37	+19 49	+26	4.09	+1.10	K1III	+0.105	+0.065	+.013	− 76	4.1	36.3		D
8174	21 13 21	− 4 10	+81 14	+25	5.97 R	.	A2	−0.003	+0.002	.	− 1	.	.		
8175	21 22 57	+ 5 22	− 9 19	+26	6.00	+1.54	gM0	−0.031	−0.025	.	+ 18	.	.		
8176	21 33 54	+ 16 17	−82 41	+26	6.37	+0.13	B3IV	+0.019	+0.006	.	+ 0	.	.		
8177	21 24 21	+ 6 39	−46 37	+26	6.30	+0.20	A2	+0.037	−0.022	.		.	.		
8178	21 22 54	+ 4 58	+ 6 49	+26	5.18 R	.	A2	+0.051	+0.012	+.025	− 11V	6.5	69.2	5	D
8179	21 20 34	+ 2 34	+60 46	+26	6.06 R	.	K0	−0.042	+0.001	.	− 27	.	.		
8180	21 24 24	+ 6 22	−41 0	+26	5.75	−0.04	A0si	+0.028	+0.001	.006D	+ 11	.7	1.1		
8181	21 26 27	+ 8 16	−65 22	+27	4.22	+0.48	F8V	+0.088	+0.800	+.111	− 30	.	.		
8182	21 22 42	+ 4 18	+30 19	+26	6.13 R	.	K1III	+0.010	+0.005	.	− 25	.	.		
8183	21 24 9	+ 5 40	−20 52	+25	5.77	+1.48	gK2	+0.001	−0.131	+.012	+ 22	.	.		
8184	21 24 8	+ 5 43	−22 45	+26	6.48 H	.	gK0	−0.029	−0.002	.		.	.		
8185	21 22 0	+ 3 28	+49 24	+26	6.77 R	.	gK0	+0.031	+0.066	+.011	− 2V	.	.		
8186	21 22 46	+ 3 59	+38 38	+26	6.43 R	+0.01	A2V	+0.000	−0.024	.	− 15	.	.		
8187	21 24 12	+ 5 28	−12 52	+26	5.54 H	.	A9III	+0.089	+0.011	.	+ 8V	.	.		
8188	21 26 16	+ 7 8	−54 40	+26	6.10	+0.34	F0III	+0.005	+0.040	.		.	.		
8189	21 23 23	+ 4 3	+37 24	+26	6.45 R	.	F8	+0.042	+0.025	.	− 27	.	.		
8190	21 23 58	+ 4 30	+24 17	+26	5.68 R	.	dF0	+0.131	+0.023	+.027	− 18	.	.		
8191	21 24 25	+ 4 53	+10 10	+26	6.34	+0.47	F5III	+0.068	+0.023	.	− 33	.	.		G
8192	21 24 52	+ 5 13	− 3 24	+26	6.44 H	.	gA9	−0.010	−0.050	.	− 23	.	.		
8193	21 23 49	+ 4 3	+37 21	+26	6.44 R	.	K5	−0.013	−0.007	.	− 3	.	.		
8194	21 24 8	+ 4 28	+25 19	+26	6.16 R	.	A2V	+0.034	+0.001	.	− 19V	6.0	9.0	6	R
8195	21 25 13	+ 5 22	− 9 44	+26	5.76 H	.	A4	+0.019	−0.169	+.007		.	.		
8196	21 28 45	+ 8 56	−69 30	+26	5.3 H	.	gM7	+0.080	−0.050	+.016	+ 43	.	.		
8197	21 24 23	+ 4 29	+24 32	+26	6.27 R	.	K0III	+0.029	+0.001	.	− 24	.	.		
8198	21 24 34	+ 4 26	+26 11	+26	5.67 R	.	F0	+0.043	+0.004	.	− 3	.	.		6
8199	21 25 17	+ 5 13	− 3 33	+26	5.69 H	.	gK4	−0.018	−0.071	.	− 24	.	.		
8200	21 26 23	+ 6 15	−37 50	+26	5.62	+1.19	K0	+0.175	−0.007	.	− 76	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
8201		−80 1017	203955	30084	.		I		21 20 10	−80 29	311 59	−33 17
8202		−43 14539	204018	30021	.	13482	I		21 20 37	−42 59	358 38	−46 3
8203		− 0 4215	204041	30008	.	13476			21 20 44	+ 0 6	53 28	−33 26
8204	34 ζ CAP	−22 15388	204075	30020	5160.	13481	14971		21 20 58	−22 51	26 58	−43 35
8205		+ 0 4726	204121	30022	5161.	13483			21 21 21	+ 0 40	54 7	−33 14
8206		+48 3376	204131	30005	.	13474	14962		21 21 26	+48 54	92 12	+ 0 49
8207	35 CAP	−21 6020	204139	30027	.	13487			21 21 35	−21 38	28 37	−43 21
8208		+46 3305	204153	30013	5163.	13478			21 21 39	+46 17	90 25	− 2 44
8209	69 CYG	+36 4557	204172	30016	.	13479	14969		21 21 42	+36 14	83 23	− 9 58
8210		+18 4794	204188	30023	.	13485			21 21 48	+18 57	70 26	−21 58
8211		−54 9872	204228	30049	.				21 21 57	−54 8	342 54	−44 34
8212		−12 6005	204363	30051	.				21 22 49	−12 0	40 43	−39 58
8213	36 CAP	−22 5692	204381	30059	.				21 23 1	−22 15	27 57	−43 51
8214	5 PSA	−31 18291	204394	30067	.				21 23 5	−31 40	14 59	−46 0
8215	70 CYG	+36 4568	204403	30044	.	13491			21 23 17	+36 41	83 56	− 9 52
8216		+48 3390	204411	30040	5167.	13490		VAR?	21 23 19	+48 24	92 5	− 1 23
8217	35 VUL	+26 4164	204414	30048	5168.	13492			21 23 16	+27 10	77 2	−16 36
8218		+52 2939	204428	30041	5171.				21 23 27	+52 28	94 53	+ 1 33
8219		+ 7 4696	204445	30060	.	13495			21 23 29	+ 7 46	61 13	−29 29
8220		+31 4462	204485	30063	5172.	13496			21 23 52	+31 47	80 31	−13 26
8221		+17 4592	204560	30076	.	13500		VAR?	21 24 19	+17 28	69 40	−23 24
8222		−19 6107	204577	30095	.	13507			21 24 23	−19 35	31 35	−43 18
8223		+21 4555	204585	30078	.	13501		VAR?	21 24 25	+21 45	73 5	−20 32
8224		+59 2383	204599	30065	.	13497	14998		21 24 40	+59 19	99 44	+ 6 25
8225	2 PEG	+23 4325	204724	30109	5180.	13515	15027		21 25 25	+23 12	74 23	−19 42
8226		+54 2544	204754	30099	.			VAR?	21 25 44	+54 59	96 52	+ 3 9
8227	7 CEP	+66 1405	204770	30081	5182.	13503			21 25 50	+66 22	104 45	+11 25
8228	71 CYG	+45 3558	204771	30108	5183.	13514			21 25 46	+46 6	90 49	− 3 21
8229	ξ GRU	−41 14550	204783	30138	5185.	13531			21 25 46	−41 37	0 34	−47 4
8230	6 PSA	−34 15110	204854	30142	.		I	VAR?	21 26 12	−34 23	11 11	−46 59
8231		+11 4583	204862	30133	.	13529			21 26 19	+11 42	65 11	−27 33
8232	22 β AQR	− 6 5770	204867	30137	5188.	13530	15050		21 26 18	− 6 1	48 1	−37 53
8233		−53 10092	204873	30158	.				21 26 23	−53 11	343 58	−45 26
8234		−79 1158	204904	30221	.				21 26 27	−79 53	312 24	−33 51
8235		−25 15479	204943	30153	.				21 26 48	−25 2	24 32	−45 28
8236		−45 14367	204960	30163	.				21 26 55	−45 17	355 10	−46 59
8237		+52 2957	204965	30131	.	13527			21 27 0	+52 31	95 19	+ 1 13
8238	8 β CEP	+69 1173	205021	30118	5192.	13520	15032	β CEP	21 27 22	+70 7	107 32	+14 1
8239		+79 707	205072	30069	.	13499			21 27 47	+80 5	114 59	+21 1
8240		+22 4418	205087	30164	.	13538			21 27 54	+22 57	74 37	−20 17
8241		−43 14602	205096	30183	.				21 27 54	−43 22	357 57	−47 21
8242		+51 3079	205114	30157	.	13536			21 28 6	+52 11	95 13	+ 0 52
8243		+59 2395	205139	30150	.	13535			21 28 15	+60 1	100 33	+ 6 37
8244		−30 18703	205265	30201	.				21 28 59	−30 8	17 28	−47 1
8245	37 CAP	−20 6237	205289	30204	.	13555			21 29 14	−20 32	30 52	−44 41
8246		+49 3553	205314	30185	.	13553			21 29 25	+49 32	93 35	− 1 14
8247		−24 16729	205342	30212	.	13559			21 29 33	−23 54	26 20	−45 46
8248		+45 3584	205349	30189	.	13554		VAR?	21 29 33	+45 25	90 50	− 4 18
8249		−65 3937	205417	30248	.				21 30 4	−65 16	328 6	−41 37
8250		+22 4431	205420	30211	.	13558			21 30 0	+22 19	74 29	−21 4

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
8201	21 33 21	+ 13 11	−80 3	+26	6.46	+0.04	A1	+0.020	−0.008	.		4.9	24.5		
8202	21 27 2	+ 6 25	−42 33	+26	5.61 H	.	A m	−0.053	+0.017	.	+ 18V?	2.6	4.0		2
8203	21 25 51	+ 5 7	+ 0 32	+26	6.38 R	.	A0	+0.036	+0.016	.	− 9	.	.		
8204	21 26 40	+ 5 42	−22 25	+26	3.73	+1.00	G5p	−0.001	+0.024	−.015	+ 3V	10.0	21.5		S
8205	21 26 28	+ 5 7	+ 1 6	+26	6.13	+0.46	F5	+0.099	−0.153	+.050	+ 11	.	.		
8206	21 24 56	+ 3 30	+49 20	+26	6.42 R	.	A0	−0.019	−0.008	.	+ 1	5.5	20.3		
8207	21 27 15	+ 5 40	−21 12	+26	5.79	+1.44	K5III	−0.028	−0.028	.	+ 23	.	.		G
8208	21 25 19	+ 3 40	+46 43	+26	5.49 R	.	F0	+0.192	+0.047	+.030	+ 1	.	.		
8209	21 25 47	+ 4 5	+36 40	+26	5.95	−0.06	B0Ib	+0.002	−0.005	.	+ 3	3.0	54.1	3	D
8210	21 26 27	+ 4 39	+19 23	+26	6.03 R	.	A m	+0.077	+0.014	.	− 11V	.	.		R
8211	21 29 0	+ 7 3	−53 42	+26	6.48 H	.	K2	+0.079	−0.025	.		.	.		
8212	21 28 14	+ 5 25	−11 34	+26	6.50 H	.	F5	+0.004	−0.046	.		.	.		
8213	21 28 43	+ 5 42	−21 49	+26	4.49	+0.90	gG5	+0.136	−0.006	.		.	.		
8214	21 29 3	+ 5 58	−31 14	+26	6.60 H	.	A0	+0.019	−0.011	.		.	.		
8215	21 27 22	+ 4 5	+37 7	+26	5.21 R	.	B3V	+0.000	+0.003	.	− 20	.	.		
8216	21 26 52	+ 3 33	+48 50	+26	5.27 R	.	A p	+0.057	+0.022	+.003	− 13V	.	.		
8217	21 27 40	+ 4 24	+27 36	+26	5.36 R	+0.04	A1V	+0.040	+0.021	+.013	− 8	.	.		
8218	21 26 45	+ 3 18	+52 54	+26	5.98 R	−0.12	B8	+0.015	+0.008	+.017		.	.		
8219	21 28 25	+ 4 56	+ 8 12	+26	6.49 R	.	M1	−0.004	−0.029	.	− 6	.	.		
8220	21 28 8	+ 4 16	+32 13	+26	5.66 R	.	dF2	+0.122	+0.076	+.022	− 24	.	.		G
8221	21 29 0	+ 4 41	+17 54	+26	6.21 R	.	K5	−0.020	−0.001	.	− 12	.	.		
8222	21 30 0	+ 5 37	−19 9	+26	6.54 H	.	gF2	+0.031	−0.043	.	− 12	.	.		
8223	21 28 59	+ 4 34	+22 11	+26	5.93 R	.	gM4	+0.040	+0.012	.	− 22	.	.		
8224	21 27 26	+ 2 46	+59 45	+26	6.24 R	.	M1	−0.012	−0.014	.	− 16	4.3	12.4		1
8225	21 29 57	+ 4 32	+23 38	+26	4.61 R	.	M1III	+0.015	+0.003	+.011	− 19	7.0	29.9		
8226	21 28 53	+ 3 9	+55 25	+26	6.01 R	+0.14	B9	+0.012	+0.011	.		.	.		
8227	21 27 46	+ 1 56	+66 48	+26	5.40 R	.	B7	−0.017	−0.016	+.006	+ 3	.	.		
8228	21 29 27	+ 3 41	+46 32	+26	5.20 R	.	K0III	+0.045	+0.102	+.031	− 19	.	.		
8229	21 32 6	+ 6 20	−41 11	+26	5.28	+1.10	gK0	+0.015	+0.006	+.007	− 8	.	.		
8230	21 32 15	+ 6 3	−33 57	+26	5.99 H	.	A2IV	−0.010	−0.007	.		7.3	6.8		
8231	21 31 9	+ 4 50	+12 8	+26	5.98 R	−0.05	B9V	+0.015	−0.013	.	− 10V	.	.		R
8232	21 31 34	+ 5 16	− 5 35	+26	2.89	+0.84	G0Ib	+0.016	−0.006	+.000	+ 7	7.9	35.7	3	D
8233	21 33 18	+ 6 55	−52 45	+26	6.42 H	.	K5	−0.008	−0.009	.		.	.		
8234	21 38 57	+ 12 30	−79 26	+27	6.17	+0.46	F5	+0.086	−0.045	.		.	.		
8235	21 32 33	+ 5 45	−24 35	+27	6.43	+0.20	A5	+0.067	+0.019	.	− 9	.	.		
8236	21 33 24	+ 6 29	−44 50	+27	5.56	+1.04	K0III	−0.020	−0.008	.	+ 11V	.	.		
8237	21 30 20	+ 3 20	+52 57	+26	6.06 R	.	A0	+0.023	+0.015	.	− 17V	.	.		6
8238	21 28 39	+ 1 17	+70 33	+26	3.18	−0.25	B2III	+0.010	+0.010	+.005	− 8V	4.7	13.9		D
8239	21 24 50	− 2 57	+80 31	+26	5.98 R	.	gG6	+0.044	−0.013	.	+ 3	.	.		
8240	21 32 27	+ 4 33	+23 24	+27	6.42 R	−0.10	A p	+0.032	+0.003	.	− 16	.	.		
8241	21 34 17	+ 6 23	−42 55	+27	6.40 H	.	gK0	−0.046	−0.024	.		.	.		
8242	21 31 28	+ 3 22	+52 37	+26	6.00 R	.	K0+A3	+0.006	+0.003	.	− 23	.	.		
8243	21 31 0	+ 2 45	+60 27	+26	5.56 R	.	B1II	−0.004	+0.001	.	− 15	.	.		G
8244	21 34 53	+ 5 54	−29 41	+27	6.56 H	.	B8	+0.012	−0.001	.	− 15V	.	.		
8245	21 34 51	+ 5 37	−20 5	+27	5.79 H	.	dF1	−0.039	+0.033	.	+ 6	.	.		
8246	21 32 57	+ 3 32	+49 59	+27	5.72 R	.	A0	+0.018	+0.014	.	− 33	.	.		6
8247	21 35 16	+ 5 43	−23 27	+27	6.40 H	.	gG7	+0.074	−0.008	.	− 15	.	.		
8248	21 33 18	+ 3 45	+45 52	+27	6.26	+1.84	K1Ib	−0.004	+0.003	.	− 5	.	.		
8249	21 38 3	+ 7 59	−64 49	+27	6.19	+0.03	A2	+0.033	−0.011	.		.	.		
8250	21 34 34	+ 4 34	+22 46	+27	6.29 R	.	F8	+0.010	−0.040	.	+ 14	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
8251		− 4 5489	205423	30218	5199.	13560			21 30 4	− 4 26	50 20	−37 51
8252	73 ρ CYG	+44 3865	205435	30207	5200.	13556			21 30 13	+45 9	90 44	− 4 35
8253	8 PSA	−26 15702	205471	30235	.		R7658		21 30 23	−26 37	22 36	−46 38
8254	ν OCT	−77 1510	205478	30289	5201.	13593			21 30 22	−77 50	314 18	−35 11
8255	72 CYG	+37 4359	205512	30219	5202.	13561			21 30 41	+38 5	86 0	− 9 51
8256	7 PSA	−33 15664	205529	30243	.				21 30 49	−33 30	12 37	−47 51
8257		+27 4107	205539	30229	.	13563			21 30 53	+27 45	78 43	−17 23
8258		+23 4346	205541	30231	5204.	13564	15115		21 30 56	+24 0	75 56	−20 3
8259		+51 3091	205551	30220	5205.	13562			21 31 1	+51 15	94 56	+ 0 8
8260	39 ε CAP	−20 6251	205637	30252	.	13573	I	VAR?	21 31 29	−19 55	31 56	−44 59
8261		+29 4456	205688	30246	.	13570	15126		21 31 53	+29 36	80 13	−16 12
8262	W CYG	+44 3877	205730	30250	.	13572		W CYG	21 32 14	+44 56	90 52	− 4 59
8263		− 1 4180	205765	30265	.	13579	15142		21 32 26	− 0 50	54 31	−36 22
8264	23 ξ AQR	− 8 5701	205767	30268	5208.	13580			21 32 26	− 8 18	46 27	−40 20
8265	3 PEG	+ 5 4830	205811	30270	.	13581	15147A		21 32 45	+ 6 10	61 24	−32 17
8266	74 CYG	+39 4612	205835	30263	5210.	13578			21 32 56	+39 58	87 37	− 8 45
8267	5 PEG	+18 4827	205852	30274	5212.	13583			21 33 5	+18 52	72 20	−23 59
8268		−34 15163	205872	30292	.				21 33 5	−34 8	11 44	−48 22
8269		−52 11911	205877	30304	.				21 33 10	−52 49	344 5	−46 31
8270	4 PEG	+ 5 4834	205924	30291	5216.	13595	15157		21 33 31	+ 5 19	60 45	−32 57
8271		−56 9700	205935	30316	.				21 33 31	−56 11	339 27	−45 33
8272		+44 3889	205939	30278	.	13585			21 33 38	+44 15	90 35	− 5 39
8273		−11 5640	206005	30309	.				21 34 6	−11 2	43 31	−40 0
8274		+24 4445	206027	30298	.	13596			21 34 15	+25 4	77 18	−19 50
8275		+53 2659	206040	30288	.	13592			21 34 19	+53 36	96 52	+ 1 18
8276		+19 4754	206043	30307	5219.	13598			21 34 22	+19 49	73 18	−23 33
8277	25 AQR	+ 1 4517	206067	30315	5221.	13601			21 34 29	+ 1 48	57 32	−35 16
8278	40 γ CAP	−17 6340	206088	30320	5222.	13603			21 34 33	−17 7	35 59	−44 40
8279	9 CEP	+61 2169	206165	30302	5224.	13597			21 35 14	+61 38	102 16	+ 7 15
8280	λ OCT	−83 722	206240	30472	.	13676	I		21 35 36	−83 11	309 1	−32 7
8281		+56 2617	206267	30322	.	13605	15184		21 35 51	+57 2	99 17	+ 3 44
8282		−25 15545	206291	30357	.				21 36 2	−25 33	24 34	−47 37
8283	42 CAP	−14 6102	206301	30354	5229.	13620			21 36 7	−14 30	39 33	−43 58
8284	75 CYG	+42 4177	206330	30338	5230.	13616	15208	VAR?	21 36 16	+42 49	90 0	− 7 3
8285	41 CAP	−23 17057	206356	30365	5231.	13625	15223		21 36 19	−23 43	27 12	−47 13
8286		−71 2632	206399	30411	.				21 36 37	−71 28	320 38	−39 5
8287	26 AQR	+ 0 4770	206445	30377	.	13629			21 37 4	+ 0 50	57 3	−36 22
8288	43 κ CAP	−19 6152	206453	30382	5236.	13633			21 37 5	−19 19	33 23	−46 1
8289	7 PEG	+ 5 4850	206487	30378	.	13631			21 37 15	+ 5 13	61 20	−33 45
8290		+54 2595	206509	30362	.	13623			21 37 25	+54 25	97 44	+ 1 37
8291	76 CYG	+40 4611	206538	30376	5238.	13628			21 37 33	+40 21	88 32	− 9 3
8292		+10 4604	206540	30386	.	13635			21 37 40	+10 22	66 6	−30 32
8293		−20 6270	206546	30396	.	13639			21 37 38	−20 5	32 24	−46 24
8294		−89 53	206553	31285	.				21 37 39	−89 19	303 38	−28 8
8295	44 CAP	−15 6046	206561	30393	.				21 37 37	−14 51	39 19	−44 26
8296					.							
8297		+34 4500	206570	30384	.	13634		V460 CYG	21 37 48	+35 3	85 0	−13 4
8298		+45 3637	206632	30390	.	13636		VAR?	21 38 19	+45 19	91 55	− 5 24
8299		−39 14405	206642	30424	.				21 38 20	−39 0	4 22	−49 33
8300	77 CYG	+40 4615	206644	30394	5239.	13638	K		21 38 21	+40 37	88 50	− 8 57

BS= HR	RA (2000)	$\Delta\alpha$ 100 YR	DEC (2000)	$\Delta\delta$ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
8251	21 35 17	+ 5 13	− 3 59	+27	5.85 H	.	gG9	−0.010	+0.004	+.002	− 2	.	.		
8252	21 33 59	+ 3 46	+45 36	+27	4.02	+0.88	G8III	−0.024	−0.091	−.006	+ 7	.	.		G
8253	21 36 11	+ 5 48	−26 10	+27	5.77 H	.	A3m	+0.107	−0.023	.	− 19	7.7	18.8		
8254	21 41 29	+ 11 7	−77 23	+27	3.75	+0.99	KOIII	+0.053	−0.231	+.045	+ 34V	.	.1		*
8255	21 34 46	+ 4 5	+38 32	+27	4.91	+1.04	K1III	+0.120	+0.098	+.009	− 66	.	.		
8256	21 36 49	+ 6 0	−33 3	+27	6.10	+0.22	A5	+0.083	−0.002	.	− 2	.	.		
8257	21 35 19	+ 4 26	+28 12	+27	6.30 R	.	F0	+0.125	−0.042	.	− 42V	.	.		R
8258	21 35 27	+ 4 31	+24 27	+27	6.11 R	.	A3	+0.007	−0.010	−.007	− 28V	.5	.2		*
8259	21 34 28	+ 3 27	+51 42	+27	5.94 R	+0.02	B9	+0.005	+0.000	−.006	− 22	.	.		
8260	21 37 5	+ 5 36	−19 28	+27	4.62	−0.18	B3V?p	+0.008	+0.005	.	− 24V?	3.7	68.7		
8261	21 36 14	+ 4 21	+30 3	+27	6.33 R	.	G8III-IV	−0.066	+0.062	.	− 20	4.4	2.2		3
8262	21 36 2	+ 3 48	+45 23	+27	5.1 H	.	gM4e	+0.048	+0.006	.	− 14V	.	.		
8263	21 37 34	+ 5 8	− 0 23	+27	6.25	+0.05	A2	−0.021	−0.020	.	+ 17	2.4	31.6		*
8264	21 37 45	+ 5 19	− 7 51	+27	4.68	+0.17	A7V	+0.110	−0.022	+.006	− 18V	.	.		
8265	21 37 44	+ 4 59	+ 6 37	+27	6.17	+0.03	A0	+0.055	−0.004	.	+ 3V	1.4	39.8		*
8266	21 36 57	+ 4 1	+40 25	+27	5.00 R	.	A4	−0.005	+0.012	+.015	+ 7	.	.		
8267	21 37 46	+ 4 41	+19 19	+27	5.36 R	.	F0IV	+0.102	+0.012	+.004	− 25V?	.	.		
8268	21 39 6	+ 6 1	−33 41	+27	6.34 H	.	K0	+0.060	−0.050	.		.	.		
8269	21 39 59	+ 6 49	−52 22	+27	6.28 H	.	gF7	−0.023	+0.010	.		.	.		
8270	21 38 31	+ 5 0	+ 5 46	+27	5.74 R	.	dA6	+0.109	+0.027	+.032	− 19	6.0	26.5		1
8271	21 40 34	+ 7 3	−55 44	+27	6.32	+1.06	cG9	+0.008	+0.024	.	+ 27	.	.		
8272	21 37 28	+ 3 50	+44 42	+27	6.05 R	.	A3	−0.004	−0.028	.	+ 4	.	.		
8273	21 39 28	+ 5 22	−10 35	+27	6.18 H	.	K0	+0.022	−0.042	.		.	.		
8274	21 38 45	+ 4 30	+25 31	+27	6.19 R	.	G5	−0.024	+0.004	.	− 14	.	.		
8275	21 37 39	+ 3 20	+54 3	+27	6.10 R	.	K1III	−0.020	+0.000	.	+ 2	.	.		
8276	21 39 2	+ 4 40	+20 16	+27	5.71 R	.	F0	+0.109	−0.003	+.021	− 13	.	.		
8277	21 39 33	+ 5 4	+ 2 15	+27	5.16 R	.	K0III	−0.031	−0.082	+.004	− 35	.	.		
8278	21 40 5	+ 5 32	−16 40	+27	3.66	+0.33	A m	+0.185	−0.021	+.025	− 31V	.	.		G
8279	21 37 55	+ 2 41	+62 5	+27	4.72	+0.30	B2Ib	−0.004	−0.001	−.011	− 13	.	.		G
8280	21 50 55	+ 15 19	−82 43	+28	5.28	+0.75	gG5	+0.073	−0.034	.011D	− 11	2.2	3.4		D
8281	21 38 57	+ 3 6	+57 29	+27	5.62	+0.21	O6	−0.002	−0.001	.	− 8V	1.9	12.0	4	*
8282	21 41 46	+ 5 44	−25 6	+27	6.49 H	.	K0	−0.024	−0.003	.		.	.		
8283	21 41 33	+ 5 26	−14 3	+27	5.28 H	.	G2IV	−0.124	−0.304	+.029	− 1V	.	.		R
8284	21 40 11	+ 3 55	+43 16	+27	6.20 R	.	gM0	+0.055	+0.018	+.003	− 28	4.2	57.9	3	D
8285	21 42 1	+ 5 42	−23 16	+27	5.32 H	.	gG9	+0.099	−0.088	+.018	− 44	7.5	5.3		3
8286	21 45 29	+ 8 52	−71 1	+27	6.00	−0.10	B8	+0.009	−0.001	.		.	.		
8287	21 42 10	+ 5 6	+ 1 17	+27	5.63 R	.	gK4	−0.004	−0.004	.	+ 10	.	.		G
8288	21 42 40	+ 5 35	−18 52	+27	4.72	+0.88	G8III	+0.145	−0.005	+.025	− 3	.	.		
8289	21 42 15	+ 5 0	+ 5 40	+27	5.42 R	.	gM2	+0.010	−0.004	.	− 4	.	.		
8290	21 40 44	+ 3 19	+54 52	+27	5.95 R	.	K0III	+0.005	−0.002	.	+ 4	.	.		
8291	21 41 34	+ 4 1	+40 48	+27	6.10	+0.06	A2	−0.015	−0.045	+.011	+ 3V	.	.		*
8292	21 42 33	+ 4 53	+10 49	+27	5.88 R	−0.11	B5IV	+0.018	+0.000	.	+ 6V?	.	.		
8293	21 43 13	+ 5 35	−19 38	+27	6.22	+0.28	A m	+0.075	−0.009	.	− 25V	.	.		*
8294	22 45 24	+ 67 45	−88 49	+30	6.56	+0.29	A7IV	+0.018	−0.040	.		.	.		
8295	21 43 4	+ 5 27	−14 24	+27	5.99 H	.	A5m	−0.006	+0.027	.		.	.		
8296															
8297	21 42 1	+ 4 13	+35 30	+27	6.0 H	.	$C6_3$	+0.005	−0.001	.	+ 10	.	.		
8298	21 42 8	+ 3 49	+45 46	+27	6.47 H	.	M4	+0.003	−0.013	.	+ 9	.	.		
8299	21 44 29	+ 6 9	−38 33	+27	6.30 H	.	G5	+0.083	−0.160	.		.	.		
8300	21 42 22	+ 4 1	+41 4	+27	5.48 H	.	A0	+0.018	+0.004	−.002	− 25V	.2	.2		*

BS = HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
8301	80 π^1 CYG	+50 3410	206672	30391	.	13637			21 38 33	+50 44	95 29	− 1 18
8302	45 CAP	−15 6052	206677	30419	.	13650			21 38 33	−15 12	39 0	−44 47
8303		−50 13463	206690	30441	.				21 38 41	−49 58	347 49	−48 5
8304		+48 3480	206731	30407	.	13642			21 39 0	+49 8	94 30	− 2 34
8305	9 ι PSA	−33 15734	206742	30439	5241.	13657	I		21 39 0	−33 29	12 52	−49 33
8306		+40 4623	206749	30412	.	13644		VAR?	21 39 5	+40 42	89 0	− 8 59
8307	79 CYG	+37 4408	206774	30421	.	13651	K		21 39 17	+37 50	87 7	−11 10
8308	8 ϵ PEG	+ 9 4891	206778	30431	5242.	13654	15268	VAR?	21 39 16	+ 9 25	65 34	−31 27
8309	78 μ^1 CYG	+28 4169	206826	30438	5245.	13656	15270A		21 39 40	+28 17	80 34	−18 20
8310	78 μ^2 CYG	+28 4169	206827	30437	.	13655	15270B		21 39 40	+28 17	80 34	−18 20
8311	46 CAP	− 9 5829	206834	30448	5247.	13666			21 39 40	− 9 32	46 10	−42 30
8312		+58 2314	206842	30418	.	13649			21 39 45	+58 49	100 51	+ 4 45
8313	9 PEG	+16 4582	206859	30444	5248.	13662			21 39 47	+16 53	71 58	−26 30
8314		+14 4668	206860	30443	5246.1	13661			21 39 42	+14 19	69 51	−28 16
8315	10 κ PEG	+24 4463	206901	30450	5250.	13667	15281		21 40 7	+25 11	78 24	−20 40
8316	μ CEP	+58 2316	206936	30440	5252.	13658	15271	μ CEP	21 40 27	+58 19	100 35	+ 4 19
8317	11 CEP	+70 1193	206952	30415	5254.	13646			21 40 27	+70 51	108 52	+13 49
8318	47 CAP	− 9 5833	207005	30474	.	13678			21 40 56	− 9 44	46 8	−42 52
8319	48 λ CAP	−12 6087	207052	30481	5256.	13681			21 41 9	−11 50	43 37	−43 54
8320		+35 4626	207088	30475	.	13679			21 41 30	+35 24	85 49	−13 18
8321	12 PEG	+22 4472	207089	30479	5257.	13680			21 41 28	+22 29	76 38	−22 50
8322	49 δ CAP	−16 5943	207098	30491	5258.	13686	15314	δ CAP	21 41 31	−16 35	37 36	−44 0
8323		−47 13928	207129	30516	5262.	13695	I		21 41 46	−47 46	350 53	−49 6
8324		+71 1082	207130	30452	5259.	13668			21 41 51	+71 52	109 39	+14 30
8325		+24 4473	207134	30487	5260.	13685			21 41 51	+25 6	78 39	−19 0
8326	10 θ PSA	−31 18466	207155	30509	5263.	13692	I		21 41 52	−31 22	16 13	−49 56
8327		+61 2193	207198	30473	.	13677			21 42 8	+62 0	103 8	+ 7 0
8328	11 PEG	+ 2 4414	207203	30501	5264.	13690			21 42 10	+ 2 13	59 22	−36 33
8329		+42 4204	207218	30492	.	13687			21 42 18	+42 36	90 42	− 7 56
8330		+16 4598	207223	30502	.	13691			21 42 19	+16 44	72 19	−27 3
8331		−65 3951	207229	30531	.	13702			21 42 15	−65 11	327 24	−42 47
8332		− 6 5827	207235	30513	.				21 42 22	− 6 23	50 17	−41 29
8333	o IND	−70 2873	207241	30541	5265.	13707			21 42 20	−70 6	321 48	−40 13
8334	10 ν CEP	+60 2288	207260	30483	5267.	13683		VAR?	21 42 34	+60 40	102 19	+ 5 56
8335	81 π^2 CYG	+48 3504	207330	30512	5268.	13694			21 43 6	+48 51	94 50	− 3 13
8336		+35 4643	207446	30527	.	13699			21 43 56	+36 7	86 41	−13 5
8337		−13 6027	207503	30550	.	13709			21 44 17	−13 11	42 25	−45 11
8338		+37 4427	207516	30537	.	13705			21 44 20	+38 11	88 7	−11 33
8339	12 CEP	+60 2294	207528	30526	5273.	13698			21 44 28	+60 14	102 13	+ 5 27
8340		−17 6389	207552	30563	.				21 44 43	−17 19	37 2	−46 59
8341		+19 4793	207563	30555	.	13710			21 44 46	+20 0	75 21	−25 9
8342		+69 1198	207636	30529	.	13700			21 45 15	+69 41	108 24	+12 40
8343	14 PEG	+29 4525	207650	30565	5274.	13711			21 45 25	+29 43	82 34	−18 7
8344	13 PEG	+16 4612	207652	30569	5275.	13714	C		21 45 23	+16 49	72 58	−27 31
8345		+40 4648	207673	30566	.	13712			21 45 36	+40 41	89 56	− 9 48
8346		−19 6176	207760	30590	.	13726			21 46 9	−19 5	34 47	−47 57
8347		+60 2300	207780	30571	.	13715			21 46 23	+60 48	102 46	+ 5 45
8348		+19 4797	207840	30594	.	13728	15383		21 46 52	+19 21	75 14	−25 58
8349		+38 4621	207857	30593	.	13727			21 46 57	+39 4	89 6	−11 12
8350		+20 5027	207932	30615	.				21 47 38	+20 48	76 29	−25 2

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
8301	21 42 6	+ 3 33	+51 11	+27	4.77 R	.	B3IV	+0.002	+0.001	.	− 8V	.	.		R
8302	21 44 0	+ 5 27	−14 45	+27	5.90 H	.	A5m	−0.028	+0.010	.	− 4V	.	.		6
8303	21 45 19	+ 6 38	−49 30	+28	6.44	+1.15	K0	+0.089	+0.054	.		.	.		
8304	21 42 39	+ 3 39	+49 35	+27	5.98 R	.	G8II	+0.007	−0.003	.	− 2	.	.		
8305	21 44 57	+ 5 57	−33 2	+27	4.33	−0.06	A0si	+0.033	−0.094	+.032	+ 2V	7.0	20.		R
8306	21 43 6	+ 4 1	+41 9	+27	5.39 R	.	gM2	−0.026	−0.014	.	− 23	.	.		
8307	21 43 25	+ 4 8	+38 17	+27	5.62 R	+0.00	B9.5V	+0.033	+0.004	.	− 23	5.4	1.4	3	D
8308	21 44 11	+ 4 55	+ 9 53	+28	2.42	+1.56	K2Ib	+0.025	+0.002	−.005	+ 5	6.0	144.2	3	D
8309	21 44 8	+ 4 28	+28 44	+27	4.73 H	.	F6V	+0.287	−0.241	+.045	+ 18	1.4	6.6	4	D
8310	21 44 8	+ 4 28	+28 44	+27	6.08 H	.	dF3	+0.227	−0.218	.	+ 17	1.4	6.6	4	D
8311	21 45 0	+ 5 20	− 9 4	+28	5.10	+1.11	G8II-III	+0.014	−0.002	+.000	− 5V	.	.		
8312	21 42 45	+ 3 0	+59 16	+27	6.06 R	.	K2	−0.005	+0.011	.	− 2	.	.		
8313	21 44 31	+ 4 44	+17 21	+28	4.35	+1.19	G5Ib	+0.007	−0.013	+.004	− 22	.	.		
8314	21 44 32	+ 4 50	+14 46	+27	5.99 R	.	dG0	+0.261	−0.092	+.067	− 19	.	.		
8315	21 44 39	+ 4 32	+25 39	+28	4.17BR	.	F5IV	+0.033	+0.010	+.028	− 8V	.5	.3	3	*
8316	21 43 31	+ 3 4	+58 47	+28	3.99	+2.41	M2Ia	+0.000	−0.002	+.013	+ 19V	8.3	19.7	3	*
8317	21 41 55	+ 1 28	+71 19	+28	4.71 R	.	K0III	+0.116	+0.101	+.006	− 37	.	.		
8318	21 46 16	+ 5 20	− 9 16	+28	6.20 H	+1.66	gM3	+0.014	+0.012	.	+ 21	.	.		
8319	21 46 32	+ 5 23	−11 22	+28	5.59	−0.01	A2V	+0.025	−0.006	+.010	+ 1V	.	.		
8320	21 45 44	+ 4 14	+35 52	+28	6.46 R	.	G8III	+0.093	+0.006	.	− 5	.	.		
8321	21 46 4	+ 4 36	+22 57	+28	5.29	+1.43	K0Ib	+0.003	−0.002	+.005	− 12	.	.		
8322	21 47 2	+ 5 31	−16 8	+27	2.83	+0.23	A m	+0.261	−0.293	+.065	− 6V	9.7	118.9	3	R
8323	21 48 16	+ 6 30	−47 19	+27	5.58	+0.60	G2V	+0.160	−0.302	+.068	− 7	2.9	.2		
8324	21 43 4	+ 1 13	+72 20	+28	5.22 R	.	K1III	−0.046	−0.034	+.014	− 39V?	.	.		
8325	21 46 24	+ 4 33	+25 34	+28	6.28	+1.21	K3III	+0.163	+0.044	+.002	− 45	.	.		
8326	21 47 44	+ 5 52	−30 54	+28	5.01	+0.04	A2IIIn	−0.028	−0.002	+.002	+ 14	5.6	37.2	3	D
8327	21 44 53	+ 2 45	+62 28	+28	5.96	+0.31	O9III	−0.009	+0.001	.	− 18	.	.		G
8328	21 47 14	+ 5 4	+ 2 41	+28	5.62 R	.	A0	+0.009	+0.002	+.002	+ 17	.	.		
8329	21 46 16	+ 3 58	+43 4	+28	6.41 R	.	A0	+0.011	+0.014	.	− 19V	.	.		
8330	21 47 4	+ 4 45	+17 12	+28	6.22 R	.	F2	+0.089	−0.014	.	− 19	.	.		
8331	21 50 0	+ 7 45	−64 43	+28	5.61	+1.01	K0III	+0.003	−0.017	.	− 1	.	.		
8332	21 47 38	+ 5 16	− 5 55	+28	6.18	+0.23	A3	+0.043	+0.001	.		.	.		
8333	21 50 47	+ 8 27	−69 38	+28	5.50	+1.38	K5III	−0.028	−0.005	+.020	+ 20	.	.		
8334	21 45 27	+ 2 53	+61 8	+28	4.28	+0.49	A2Ia	−0.003	+0.000	+.009	− 21	.	.		G
8335	21 46 48	+ 3 42	+49 19	+28	4.21 R	−0.13	B3III	+0.003	−0.001	−.005	− 12V	.	.		R
8336	21 48 9	+ 4 13	+36 35	+28	6.44 R	.	K5	−0.030	+0.002	.	− 31	.	.		
8337	21 49 41	+ 5 24	−12 43	+28	6.12 H	.	A0	−0.007	+0.017	.	+ 0	.	.		
8338	21 48 29	+ 4 9	+38 39	+28	5.81 R	−0.09	B8V	+0.020	−0.002	.	− 20	.	.		
8339	21 47 25	+ 2 57	+60 42	+28	5.44 R	.	gM1	−0.010	+0.002	+.018	− 20	.	.		
8340	21 50 13	+ 5 30	−16 51	+28	6.47 H	.	K0	+0.030	+0.003	.		.	.		
8341	21 49 26	+ 4 40	+20 28	+28	6.10 R	.	B3V	−0.014	+0.000	.	− 12	.	.		
8342	21 47 1	+ 1 46	+70 9	+28	6.39 R	.	A0	−0.006	−0.022	.	− 2	.	.		
8343	21 49 50	+ 4 25	+30 11	+28	4.98 R	−0.05	A0V	+0.016	−0.024	+.001	− 23V	.	.		R
8344	21 50 8	+ 4 45	+17 17	+28	5.24 R	.	F2III	+0.072	−0.061	+.012	− 4	1.7	.4		
8345	21 49 40	+ 4 4	+41 9	+28	6.42 R	.	A2Ib	−0.008	−0.005	.	− 2	.	.		
8346	21 51 42	+ 5 33	−18 37	+28	6.14 H	.	dF1	+0.145	−0.078	.	− 42	.	.		
8347	21 49 19	+ 2 56	+61 16	+28	6.22 R	.	M1II-III	+0.001	−0.021	.	− 19	.	.		
8348	21 51 34	+ 4 42	+19 49	+28	5.66 R	−0.08	B6Vp	+0.010	+0.018	.	− 20	3.3	20.3	3	D
8349	21 51 5	+ 4 8	+39 32	+28	6.16 R	−0.06	B8IIIp	+0.003	+0.006	.	+ 0	.	.		
8350	21 52 18	+ 4 40	+21 16	+28	6.84 R	.	M4	+0.011	+0.022	.		.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
8351	51 μ CAP	−14 6149	207958	30631	5285.	13747			21 47 51	−14 1	41 53	−46 20
8352		−62 6277	207964	30654	.		I		21 47 49	−62 21	330 24	−44 42
8353	γ GRU	−37 14536	207971	30640	5287.	13749			21 47 53	−37 50	6 6	−51 28
8354	15 PEG	+28 4215	207978	30625	5288.	13741			21 48 2	+28 20	82 3	−19 32
8355		−10 5785	208008	30641	.	13750	F		21 48 15	−10 47	46 4	−44 57
8356	16 PEG	+25 4635	208057	30635	5290.	13748			21 48 31	+25 27	80 5	−21 45
8357		+55 2639	208095	30627	.	13743	15405A		21 48 38	+55 20	99 34	+ 1 17
8358		+18 4879	208108	30648	.	13754			21 48 55	+19 12	75 30	−26 24
8359		+ 6 4919	208110	30653	.	13756			21 48 58	+ 6 23	64 41	−35 15
8360		− 4 5568	208111	30655	5290.1	13757			21 48 57	− 4 45	53 19	−41 59
8361		+65 1664	208132	30629	.	13744	15407		21 49 8	+65 17	105 51	+ 9 2
8362		−58 7911	208149	30679	.				21 49 13	−58 22	335 22	−46 41
8363		− 3 5329	208177	30664	.	13765	15432		21 49 24	− 3 46	54 29	−41 32
8364		+19 4814	208202	30663	.	13764	15431		21 49 35	+19 15	75 40	−26 28
8365		−31 18541	208285	30686	.				21 50 6	−31 5	17 0	−51 39
8366		−37 14565	208321	30696	.	13780			21 50 22	−37 44	6 14	−51 57
8367		−38 14801	208435	30708	.				21 51 0	−38 13	5 27	−52 4
8368	δ IND	−55 9733	208450	30720	5300.	13789			21 51 7	−55 28	339 7	−48 7
8369		−59 7744	208496	30724	.				21 51 26	−59 29	333 44	−46 26
8370		−78 1430	208500	30764	.				21 51 26	−78 8	313 11	−35 52
8371	13 CEP	+55 2644	208501	30691	.	13776		VAR?	21 51 31	+56 8	100 23	+ 1 40
8372		+20 5046	208527	30710	.	13785			21 51 43	+20 46	77 14	−25 43
8373	17 PEG	+11 4696	208565	30719	.	13788			21 52 4	+11 36	69 57	−32 19
8374		+60 2318	208606	30702	.	13783			21 52 21	+61 4	103 30	+ 5 30
8375		+64 1607	208682	30712	.	13786	15467		21 52 54	+64 51	105 53	+ 8 27
8376		− 6 5878	208703	30742	.	13797			21 52 59	− 5 54	52 45	−43 27
8377		+47 3618	208727	30729	.	13793			21 53 13	+48 12	95 44	− 4 46
8378		−21 6131	208735	30746	.	13804			21 53 9	−21 40	31 53	−50 20
8379		−38 14820	208737	30753	.	13808			21 53 15	−38 52	4 21	−52 28
8380		−76 1542	208741	30788	.		I		21 53 16	−76 36	314 33	−36 56
8381		−56 9784	208796	30767	.	13812			21 53 35	−56 22	337 40	−48 4
8382		− 5 5674	208801	30755	5307.	13809			21 53 42	− 4 51	54 5	−43 1
8383	VV CEP	+62 2007	208816	30731	5308.	13794		VV CEP	21 53 50	+63 9	104 55	+ 7 3
8384		+65 1691	208947	30745	.	13801			21 54 38	+65 41	106 33	+ 9 0
8385	18 PEG	+ 6 4940	209008	30779	.	13816			21 55 8	+ 6 14	65 47	−36 30
8386	12 η PSA	−29 18119	209014	30785	.	13818	15536		21 55 6	−28 56	20 41	−52 26
8387	ϵ IND	−57 10015	209100	30817	5314.	13838			21 55 43	−57 12	336 21	−47 58
8388		+62 2010	209112	30774	.	13815			21 55 57	+62 13	104 33	+ 6 9
8389		+56 2670	209124	30780	.	13817			21 56 2	+57 11	101 31	+ 2 8
8390	28 AQR	− 0 4296	209128	30799	.	13823			21 55 58	+ 0 7	59 56	−40 34
8391		+32 4316	209149	30789	.	13820			21 56 3	+32 31	86 17	−17 27
8392	20 PEG	+12 4737	209166	30803	5316.	13828	15543		21 56 13	+12 38	71 40	−32 19
8393	19 PEG	+ 7 4779	209167	30804	.	13829			21 56 11	+ 7 47	67 26	−35 40
8394		−18 6056	209240	30816	.	13836			21 56 42	−18 23	37 9	−50 2
8395		+74 946	209258	30772	.	13814			21 56 54	+74 31	112 17	+15 50
8396	29 AQR	−17 6422	209278	30823	.		15562A		21 56 58	−17 27	38 31	−49 44
8397		+10 4676	209288	30818	.			VAR?	21 57 7	+10 29	70 1	−33 59
8398		−30 18975	209335	30838	.				21 57 30	−30 23	18 26	−53 9
8399		+61 2233	209339	30812	.	13835	K		21 57 40	+62 0	104 34	+ 5 52
8400	16 CEP	+72 1009	209369	30800	5321.	13825			21 57 49	+72 42	111 10	+14 22

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
8351	21 53 18	+ 5 27	−13 33	+28	5.08	+0.38	F0V	+0.307	+0.012	+.041	− 22	.	.		
8352	21 55 11	+ 7 22	−61 53	+28	5.88	+0.40	F0IV	+0.049	−0.083	.019D	+ 1	.4	.3		2
8353	21 53 56	+ 6 3	−37 22	+28	3.00	−0.12	B8III	+0.101	−0.014	+.008	− 2	.	.		
8354	21 52 30	+ 4 28	+28 48	+28	5.51 R	.	dF0	−0.063	−0.065	+.039	+ 19	.	.		
8355	21 53 36	+ 5 21	−10 19	+28	6.50 H	.	B9	+0.006	−0.001	.	− 11	.4	.1		
8356	21 53 4	+ 4 33	+25 55	+28	5.07	−0.18	B3V	+0.003	+0.000	−.001	− 12V	.	.		
8357	21 52 1	+ 3 23	+55 48	+28	5.49 R	.	B6	+0.010	+0.004	.005D	− 7V	1.0	20.0		*
8358	21 53 37	+ 4 42	+19 40	+28	5.77 R	+0.01	A0V	+0.008	+0.014	.	+ 6	.	.		
8359	21 53 58	+ 5 0	+ 6 51	+28	6.50 R	.	G0	+0.076	+0.003	.	− 10	.	.		
8360	21 54 10	+ 5 13	− 4 17	+28	5.91 H	.	gK2	+0.051	−0.090	+.020	− 37	.	.		
8361	21 51 38	+ 2 30	+65 45	+28	6.86 R	.	A m+Am	−0.008	−0.011	.010D	+ 4V?	.2	2.4		2
8362	21 56 14	+ 7 1	−57 54	+28	6.34 H	.	A m?	+0.013	+0.012	.		.	.		
8363	21 54 36	+ 5 12	− 3 18	+28	6.18 H	.	F8	+0.012	−0.025	.	− 16	2.8	21.6		1
8364	21 54 17	+ 4 42	+19 43	+28	6.17 R	.	K0III	−0.038	−0.007	.	+ 4	1.5	22.7		D
8365	21 55 56	+ 5 50	−30 37	+28	6.39	+0.93	G5	+0.046	−0.026	.		.	.		
8366	21 56 23	+ 6 1	−37 16	+28	5.55 H	.	A3V	−0.021	+0.000	.	+ 28V	.	.		
8367	21 57 2	+ 6 2	−37 45	+28	6.19 H	.	dF1	+0.017	−0.002	.		.	.		
8368	21 57 55	+ 6 48	−54 59	+29	4.39	+0.29	F0IV	+0.050	−0.008	+.015	+ 15	.0	.2		
8369	21 58 30	+ 7 4	−59 0	+29	6.11	+0.46	F5	−0.001	+0.015	.		.	.		
8370	22 1 52	+ 10 26	−77 39	+29	6.40	+0.22	A5	−0.018	+0.000	.		.	.		
8371	21 54 53	+ 3 22	+56 36	+28	5.79	+0.74	B8Ib	−0.008	−0.002	.	− 15	.	.		G
8372	21 56 24	+ 4 41	+21 15	+29	6.51 R	.	K5	−0.003	+0.017	.	+ 2	.	.		
8373	21 56 57	+ 4 53	+12 5	+29	5.56 R	+0.06	A2V	−0.034	−0.010	.	+ 15	.	.		
8374	21 55 21	+ 3 0	+61 32	+28	6.06 R	.	G8Ib	+0.002	+0.009	.	− 32	.	.		6
8375	21 55 31	+ 2 37	+65 20	+29	5.88	−0.06	B2e	+0.006	+0.006	.	− 15V	2.2	1.5		2
8376	21 58 13	+ 5 14	− 5 26	+28	6.21 H	.	dF2	+0.034	−0.097	.	+ 1	.	.		
8377	21 57 2	+ 3 49	+48 41	+29	6.33 R	.	A0	+0.007	−0.022	.	− 16	.	.		
8378	21 58 43	+ 5 34	−21 11	+29	6.12	+1.63	gM4	+0.017	−0.003	.	+ 3	.	.		
8379	21 59 18	+ 6 3	−38 23	+29	5.49	+1.00	gG9	+0.036	−0.005	.	− 10	.	.		
8380	22 3 3	+ 9 47	−76 7	+29	5.94	+0.40	F3III	+0.019	−0.069	.	+ 7	4.4	34.6		
8381	22 0 24	+ 6 49	−55 53	+29	6.00	−0.10	A0	+0.008	+0.015	.	+ 3	.	.		
8382	21 58 55	+ 5 13	− 4 23	+28	6.42 H	.	dK2	−0.003	−0.257	+.033	− 44	.	.		
8383	21 56 39	+ 2 49	+63 38	+29	4.9 H	.	M2Iaep	−0.003	+0.004	+.001	− 19V	.	.		R
8384	21 57 11	+ 2 33	+66 10	+29	6.24 R	.	B2V	+0.004	+0.004	.	+ 2V	.	.		
8385	22 0 8	+ 5 0	+ 6 43	+29	5.94 R	.	B3III	+0.006	−0.002	.	− 7	.	.		
8386	22 0 51	+ 5 45	−28 27	+29	5.42	−0.10	B8V	+0.012	+0.007	.011D	− 5V	1.0	2.0		2
8387	22 3 21	+ 7 38	−56 47	+25	4.67	+1.06	K5V	+3.933	−2.558	+.285	− 40	.	.		G
8388	21 58 54	+ 2 57	+62 42	+29	5.99 R	.	gM3	+0.002	+0.029	.	− 16	.	.		
8389	21 59 23	+ 3 21	+57 40	+29	6.47 R	.	A0	+0.001	−0.014	.	− 3	.	.		
8390	22 1 5	+ 5 7	+ 0 36	+29	5.59 R	.	gK4	+0.004	−0.009	.	+ 7	.	.		
8391	22 0 27	+ 4 24	+33 0	+29	6.37 R	.	F5	−0.009	+0.064	.	− 2	.	.		
8392	22 1 5	+ 4 52	+13 7	+29	5.62 R	.	dF2	+0.053	−0.053	+.036	+ 7	5.4	54.7		
8393	22 1 9	+ 4 58	+ 8 16	+29	5.68 R	.	gK5	−0.013	+0.001	.	− 23	.	.		
8394	22 2 12	+ 5 30	−17 54	+29	6.38 H	.	gG7	+0.114	−0.055	.	− 17	.	.		
8395	21 57 51	+ 0 57	+75 0	+29	6.48 R	.	K5	−0.006	−0.006	.	− 17	.	.		
8396	22 2 26	+ 5 28	−16 58	+29	7.15 H	.	A2	+0.011	+0.004	.006D		.2	4.7		2
8397	22 2 2	+ 4 55	+10 58	+29	6.36 R	−0.11	B5V	+0.016	+0.006	.		.	.		
8398	22 3 17	+ 5 47	−29 54	+29	6.98 H	.	dF2	+0.118	−0.014	.	− 12	.	.		
8399	22 0 40	+ 3 0	+62 29	+29	6.49 R	+0.02	B0IV	−0.003	+0.010	.	− 20	2.0	.6		*
8400	21 59 15	+ 1 26	+73 11	+29	5.06 R	.	F5V	−0.071	−0.157	+.031	− 21	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
8401	30 AQR	− 7 5688	209396	30842	.	13850			21 58 1	− 7 0	52 24	−45 6
8402	31 o AQR	− 2 5681	209409	30844	.	13852		VAR?	21 58 9	− 2 38	57 26	−42 40
8403		+52 3083	209419	30828	.	13843			21 58 11	+52 24	98 54	− 1 54
8404	21 PEG	+10 4681	209459	30846	.	13853			21 58 25	+10 54	70 39	−33 55
8405	13 PSA	−30 18985	209476	30856	.				21 58 38	−30 24	18 27	−53 23
8406	14 CEP	+57 2441	209481	30837	5324.	13847		VAR?	21 58 43	+57 31	102 0	+ 2 11
8407		+43 4119	209515	30848	.	13854	15578		21 58 54	+44 10	94 4	− 8 35
8408		−27 15757	209522	30862	.				21 58 56	−27 18	23 35	−51 0
8409		−60 7541	209529	30878	.				21 58 50	−60 7	332 16	−46 57
8410	32 AQR	− 1 4242	209625	30872	5325.	13866			21 59 39	− 1 23	59 6	−42 13
8411	λ GRU	−40 14639	209688	30892	5328.	13877			22 0 5	−40 2	2 12	−53 40
8412		+32 4329	209693	30879	.	13870	15602		22 0 9	+32 27	86 57	−18 2
8413	22 ν PEG	+ 4 4800	209747	30894	5331.	13878			22 0 38	+ 4 34	65 21	−38 38
8414	34 α AQR	− 1 4246	209750	30896	5332.	13879			22 0 39	− 0 48	59 55	−42 3
8415		+25 4671	209761	30887	.	13874			22 0 36	+26 11	82 50	−22 59
8416	18 CEP	+62 2028	209772	30880	5334.	13871		VAR?	22 0 53	+62 38	105 15	+ 6 9
8417	17 ξ CEP	+63 1802	209791	30877	.	13868	15600A		22 0 54	+64 8	106 9	+ 7 22
8418	33 ι AQR	−14 6209	209819	30914	.	13886			22 1 2	−14 21	43 30	−49 21
8419	23 PEG	+28 4284	209833	30899	.	13881			22 1 3	+28 29	84 29	−21 16
8420		−76 1547	209855	30970	.				22 1 17	−76 22	314 22	−37 27
8421		+46 3574	209857	30898	.	13880			22 1 18	+46 16	95 41	− 7 8
8422		+44 4041	209932	30915	.	13888			22 1 48	+44 37	94 46	− 8 31
8423		+82 673	209942	30830	5337.	13844	15571A		22 1 49	+82 23	117 40	+21 50
8424		+44 4043	209945	30919	5341.	13891		VAR?	22 1 59	+44 32	94 45	− 8 37
8425	α GRU	−47 14063	209952	30942	5339.	13901	R7742	VAR?	22 1 56	−47 27	350 0	−52 28
8426	20 CEP	+62 2029	209960	30904	5340.	13882			22 1 58	+62 18	105 9	+ 5 48
8427		+47 3692	209961	30917	.	13889			22 1 56	+47 45	96 38	− 6 0
8428	19 CEP	+61 2246	209975	30907	.	13884	15624		22 2 4	+61 48	104 52	+ 5 24
8429		+44 4044	209993	30924	.	13894			22 2 9	+44 46	94 54	− 8 26
8430	24 ι PEG	+24 4533	210027	30932	5345.	13898			22 2 21	+24 51	82 14	−24 15
8431	14 μ PSA	−33 15922	210049	30954	5346.	13904			22 2 33	−33 29	13 20	−54 27
8432		−76 1549	210056	31004	.				22 2 29	−76 36	314 6	−37 20
8433	υ PSA	−34 15421	210066	30957	5347.	13908			22 2 35	−34 32	11 31	−54 28
8434		+55 2679	210071	30926	.	13896			22 2 42	+55 51	101 28	+ 0 31
8435		+18 4930	210074	30943	5348.	13902			22 2 43	+18 59	78 3	−28 46
8436		+17 4693	210090	30945	.	13903			22 2 43	+17 31	76 56	−29 52
8437		−33 15926	210111	30965	.				22 2 53	−33 37	13 6	−54 31
8438	25 PEG	+21 4695	210129	30956	.	13906			22 3 8	+21 13	79 48	−27 9
8439	35 AQR	−19 6227	210191	30977	.	13913			22 3 30	−19 1	37 8	−51 45
8440		−48 14143	210204	30990	.				22 3 38	−48 36	348 4	−52 23
8441		+24 4540	210210	30968	.	13912			22 3 40	+25 3	82 38	−24 18
8442		+58 2393	210220	30955	5351.	13905			22 3 47	+58 21	103 2	+ 2 28
8443		+52 3114	210221	30958	.	13909			22 3 44	+52 49	99 50	− 2 3
8444		−34 15430	210271	30996	5353.	13923		VAR?	22 4 5	−34 30	11 35	−54 47
8445		+49 3746	210289	30979	.	13914	15659		22 4 23	+49 18	97 53	− 4 59
8446		−28 17622	210300	31001	.				22 4 18	−28 47	21 26	−54 24
8447	15 τ PSA	−33 15941	210302	31003	5357.	13929			22 4 17	−33 2	14 8	−54 47
8448	AR LAC	+45 3813	210334	30985	.	13917		AR LAC	22 4 39	+45 15	95 33	− 8 18
8449	27 PEG	+32 4349	210354	30995	5360.	13922	15672		22 4 48	+32 41	87 55	−18 27
8450	26 θ PEG	+ 5 4961	210418	31013	5362.	13930		VAR?	22 5 9	+ 5 42	67 24	−38 43

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
8401	22 3 16	+ 5 15	− 6 31	+29	5.55	+0.96	G5	+0.039	+0.009	.	+ 30	.	.		
8402	22 3 19	+ 5 10	− 2 9	+29	4.79	−0.09	B8Ve	+0.013	−0.011	.	+ 12	.	.		
8403	22 1 51	+ 3 40	+52 53	+29	5.65 R	.	B5	+0.003	+0.004	.	− 22	.	.		
8404	22 3 19	+ 4 54	+11 23	+29	5.70 R	−0.07	B9IV	+0.012	−0.009	.	− 0	.	.		
8405	22 4 24	+ 5 46	−29 55	+29	6.46	+1.63	K5	+0.009	+0.002	.		.	.		
8406	22 2 5	+ 3 22	+58 0	+29	5.56	+0.07	O9V	−0.005	+0.001	−.012	− 11V	.	.		*
8407	22 2 56	+ 4 2	+44 39	+29	5.60	−0.04	A p	−0.019	−0.033	.	− 1	2.5	.8		*
8408	22 4 37	+ 5 41	−26 49	+29	5.84 H	.	B5Vn	+0.009	−0.005	.	+ 20V	.	.		
8409	22 5 51	+ 7 1	−59 38	+29	5.60 H	.	K5	+0.046	−0.055	.	− 11	.	.		
8410	22 4 47	+ 5 8	− 0 54	+29	5.32	+0.22	A m	−0.021	−0.048	+.009	+ 20V	.	.		*
8411	22 6 6	+ 6 1	−39 33	+29	4.45	+1.37	K2III	−0.028	−0.120	+.008	+ 39	.	.		
8412	22 4 34	+ 4 25	+32 56	+29	6.26 R	.	G5	−0.011	+0.001	.	− 22	4.9	21.6		
8413	22 5 41	+ 5 3	+ 5 3	+29	4.84	+1.44	K4III	+0.105	+0.103	+.009	− 16V?	.	.		6
8414	22 5 47	+ 5 8	− 0 19	+29	2.93	+0.98	G2Ib	+0.015	−0.005	+.003	+ 8	.	.		
8415	22 5 11	+ 4 35	+26 40	+29	5.78 R	.	gK3	+0.031	+0.034	.	− 25	.	.		
8416	22 3 53	+ 3 0	+63 7	+29	5.30 R	.	gM5	+0.029	+0.058	−.006	− 4	.	.		
8417	22 3 48	+ 2 54	+64 37	+29	4.57 H	.	A m	+0.208	+0.087	.	− 6V?	1.9	7.6		*
8418	22 6 26	+ 5 24	−13 52	+29	4.27	−0.08	B8V	+0.038	−0.055	.	− 10V	.	.		R
8419	22 5 35	+ 4 32	+28 58	+29	5.59 R	−0.05	A0V	+0.021	−0.010	.	− 12V	.	.		6
8420	22 10 44	+ 9 27	−75 53	+29	6.54	+1.18	K2	+0.044	−0.002	.		.	.		
8421	22 5 16	+ 3 58	+46 45	+29	6.12 R	.	gM8	−0.044	−0.020	.	− 13	.	.		
8422	22 5 51	+ 4 3	+45 6	+29	6.40 R	.	A0	+0.024	−0.009	.	− 4V	.	.		6
8423	21 58 13	− 3 36	+82 52	+29	7.12 H	.	dF5	−0.140	−0.034	+.008	− 22	.8	13.8		*
8424	22 6 2	+ 4 3	+45 1	+29	5.14 R	.	K5III	−0.006	−0.014	+.002	− 23	.	.		
8425	22 8 14	+ 6 18	−46 58	+29	1.73	−0.13	B5V	+0.121	−0.151	+.051	+ 12	9.8	28.8		
8426	22 5 0	+ 3 2	+62 47	+29	5.22 R	.	K4III	+0.015	+0.060	+.001	− 21	.	.		
8427	22 5 51	+ 3 55	+48 14	+29	6.27	−0.06	B2V	−0.008	+0.004	.	− 18V	.	.		*
8428	22 5 9	+ 3 5	+62 17	+29	5.10	+0.09	O9.5Ib	+0.001	+0.003	.	− 13	6.0	19.8		
8429	22 6 12	+ 4 3	+45 15	+29	6.01 R	.	A2	+0.033	−0.010	.	− 2	.	.		
8430	22 7 0	+ 4 39	+25 20	+29	3.76	+0.44	F5V	+0.295	+0.024	+.074	− 4V	.	.		R
8431	22 8 23	+ 5 50	−33 0	+29	4.49	+0.06	A2V	+0.075	−0.037	+.023	+ 12	.	.		
8432	22 11 58	+ 9 29	−76 7	+29	6.14	+1.00	g?G9	+0.073	−0.042	.		.	.		
8433	22 8 26	+ 5 51	−34 3	+29	4.99	+1.48	gM1	+0.001	−0.047	+.002	+ 20	.	.		
8434	22 6 13	+ 3 31	+56 20	+29	6.20 R	+0.48	A p	+0.011	−0.010	.	− 20	.	.		
8435	22 7 29	+ 4 46	+19 28	+29	5.73 R	.	dF2	+0.120	+0.037	+.014	− 15	.	.		G
8436	22 7 30	+ 4 47	+18 0	+29	6.25 R	.	M1	+0.020	−0.039	.	− 10	.	.		
8437	22 8 43	+ 5 50	−33 8	+29	6.44 H	.	A2	+0.016	+0.031	.		.	.		
8438	22 7 50	+ 4 42	+21 42	+29	5.78	−0.09	B7V	−0.052	−0.068	.	− 52V	.	.		
8439	22 8 59	+ 5 29	−18 32	+29	5.74 H	.	B3	+0.000	−0.010	.	− 5	.	.		
8440	22 9 57	+ 6 19	−48 7	+29	6.42	+1.39	K2	+0.072	−0.045	.		.	.		
8441	22 8 17	+ 4 37	+25 32	+29	5.94 R	.	F0	−0.041	−0.036	.	+ 2V	.	.		
8442	22 7 9	+ 3 22	+58 50	+29	6.20 R	.	G6III	−0.020	−0.021	+.014	− 10	.	.		
8443	22 7 26	+ 3 42	+53 18	+29	6.14	+0.43	A3Ib	−0.009	−0.008	.	− 26	.	.		
8444	22 9 55	+ 5 50	−34 1	+29	5.37	+0.24	A4	−0.024	+0.040	+.020	+ 2	.	.		
8445	22 8 16	+ 3 53	+49 47	+29	6.39 R	.	K5	+0.027	−0.023	.	+ 17V?	6.4	27.5		
8446	22 10 0	+ 5 42	−28 18	+29	6.46 H	.	A3	+0.028	+0.026	.		.	.		
8447	22 10 8	+ 5 51	−32 33	+29	4.92	+0.48	dF5	+0.427	+0.013	+.046	− 15	.	.		
8448	22 8 42	+ 4 3	+45 44	+29	6.3 H	.	K2III+F8	−0.027	+0.031	.	− 35V	.	.		R
8449	22 9 14	+ 4 26	+33 10	+29	5.55 R	.	gG6	−0.059	−0.065	+.007	− 6	4.5	72.8	4	D
8450	22 10 12	+ 5 3	+ 6 12	+30	3.52	+0.09	A2V	+0.272	+0.030	+.042	− 6V	.	.		5

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
8451		− 4 5623	210419	31015	.				22 5 9	− 4 23	56 53	−45 6
8452	38 AQR	−12 6196	210424	31021	.	13935			22 5 17	−12 3	47 22	−49 13
8453		− 4 5625	210434	31022	.	13936			22 5 21	− 4 46	56 29	−45 22
8454	29 π PEG	+32 4352	210459	31016	5364.	13931			22 5 33	+32 41	88 3	−18 33
8455		+18 4946	210460	31019	.	13933			22 5 33	+19 8	78 44	−29 6
8456		+13 4861	210461	31020	.	13934	15690		22 5 31	+14 8	74 50	−32 49
8457		−21 6173	210464	31029	.	13942			22 5 29	−21 43	33 12	−53 5
8458		+10 4701	210502	31026	.	13940			22 5 43	+11 8	72 23	−35 1
8459	28 PEG	+20 5093	210516	31025	.	13939			22 5 47	+20 29	79 47	−28 7
8460		+29 4604	210594	31034	.	13944			22 6 21	+30 4	86 31	−20 44
8461		+15 4592	210702	31052	.	13954			22 7 2	+15 33	76 17	−32 1
8462	39 AQR	−14 6229	210705	31061	.	13956		VAR?	22 7 2	−14 41	44 2	−50 49
8463		+50 3602	210715	31046	5370.	13951	15708		22 7 17	+50 20	98 52	− 4 24
8464		−26 16033	210739	31075	.				22 7 20	−26 49	24 58	−54 45
8465	21 ζ CEP	+57 2475	210745	31044	5372.	13949		VAR?	22 7 23	+57 42	103 3	+ 1 39
8466		+24 4548	210762	31064	.	13957			22 7 29	+24 28	82 58	−25 17
8467		− 5 5732	210763	31074	.	13965			22 7 31	− 5 13	56 24	−46 4
8468	24 CEP	+71 1111	210807	31037	5374.	13945			22 7 53	+71 51	111 17	+13 14
8469	22 λ CEP	+58 2402	210839	31066	5375.	13959			22 8 7	+58 55	103 49	+ 2 36
8470		−25 15815	210848	31088	.	13976			22 8 7	−25 41	26 57	−54 41
8471	ψ OCT	−78 1442	210853	31133	.				22 8 7	−78 1	312 33	−36 34
8472		+56 2727	210855	31070	5376.	13962			22 8 12	+56 21	102 23	+ 0 29
8473		+71 1112	210873	31049	.	13953			22 8 18	+71 37	111 10	+13 1
8474		+69 1228	210884	31056	5377.	13955	15719		22 8 22	+69 38	110 0	+11 24
8475		+33 4456	210889	31081	5378.	13970			22 8 22	+34 7	89 27	−17 45
8476		+58 2403	210905	31076	.	13967			22 8 29	+58 35	103 40	+ 2 18
8477		−41 14804	210918	31100	5379.	13982			22 8 32	−41 51	358 42	−54 57
8478	16 λ PSA	−28 17653	210934	31095	5381.	13980			22 8 39	−28 16	22 34	−55 17
8479		+60 2358	210939	31077	.	13968			22 8 43	+60 16	104 39	+ 3 41
8480	41 AQR	−21 6180	210960	31099	5382.	13981	15753		22 8 47	−21 34	33 50	−53 46
8481	ϵ OCT	−81 995	210967	31166	.	14018			22 8 49	−80 56	310 3	−34 30
8482		+27 4280	211006	31094	.	13979			22 9 4	+28 7	85 44	−22 38
8483		+62 2048	211029	31086	.	13973			22 9 16	+62 48	106 8	+ 5 44
8484		−45 14644	211053	31123	.				22 9 28	−44 58	353 23	−54 24
8485		+38 4711	211073	31104	5386.	13983	15758	VAR?	22 9 35	+39 13	92 45	−13 45
8486	μ^1 GRU	−41 14810	211088	31125	5387.	13992			22 9 36	−41 51	358 38	−55 9
8487		+44 4073	211096	31105	.	13984			22 9 42	+44 57	96 7	− 9 4
8488	μ^2 GRU	−42 15846	211202	31138	5389.	13999			22 10 26	−42 7	358 8	−55 15
8489		+42 4333	211211	31127	.	13993			22 10 32	+42 27	94 48	−11 12
8490		+62 2053	211242	31116	.	13989			22 10 41	+62 40	106 12	+ 5 32
8491		+ 7 4834	211287	31139	.	14000			22 11 1	+ 8 3	70 51	−38 8
8492		−26 16057	211291	31144	.				22 11 0	−26 24	25 58	−55 28
8493		+72 1022	211300	31110	5391.	13988	15764		22 11 4	+72 49	112 3	+13 53
8494	23 ϵ CEP	+56 2741	211336	31135	5392.	13996		VAR?	22 11 21	+56 33	102 51	+ 0 24
8495		− 2 5726	211356	31147	.				22 11 25	− 2 6	60 48	−44 59
8496	42 AQR	−13 6148	211361	31150	.	14007			22 11 27	−13 20	46 42	−51 9
8497		−23 17344	211364	31154	.				22 11 26	−23 38	30 43	−54 56
8498	1 LAC	+37 4526	211388	31143	5393.	14004			22 11 37	+37 15	91 55	−15 36
8499	43 θ AQR	− 8 5845	211391	31152	5394.	14011			22 11 33	− 8 17	53 29	−48 37
8500		− 9 5948	211392	31155	.	14012		VAR?	22 11 36	− 9 32	51 53	−49 18

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
8451	22 10 21	+ 5 12	− 3 54	+29	6.10 H	.	A0	+0.013	−0.047	.		.	.		
8452	22 10 38	+ 5 21	−11 33	+30	5.46	−0.12	B6III?	+0.028	+0.012	.	+ 3V?	.	.		
8453	22 10 34	+ 5 13	− 4 17	+29	6.13 H	.	gK0	+0.070	+0.000	.	− 18	.	.		
8454	22 10 0	+ 4 27	+33 10	+29	4.30	+0.45	F5II-III	−0.015	−0.022	+.003	+ 2	.	.		G
8455	22 10 19	+ 4 46	+19 37	+29	4.99 R	.	G0	+0.082	−0.074	.	+ 40	.	.		
8456	22 10 22	+ 4 51	+14 37	+29	6.25 R	.	K0	+0.029	−0.025	.	− 42	6.0	22.7		2
8457	22 11 2	+ 5 33	−21 14	+29	6.08	+0.50	dF6	+0.120	−0.032	.	− 13	.	.		
8458	22 10 38	+ 4 55	+11 37	+29	5.74 R	.	gM1	−0.032	−0.052	.	+ 17	.	.		6
8459	22 10 30	+ 4 43	+20 58	+29	6.37 R	+0.12	A4III	−0.022	−0.011	.	+ 8	.	.		
8460	22 10 52	+ 4 31	+30 34	+30	6.30 R	.	A5	+0.004	−0.009	.	+ 4	.	.		
8461	22 11 52	+ 4 50	+16 3	+30	5.96	+0.94	K1III	−0.013	−0.018	.	+ 11	.	.		G
8462	22 12 25	+ 5 23	−14 11	+30	6.17 H	.	dF2	+0.023	−0.039	.	+ 15	.	.		
8463	22 11 10	+ 3 53	+50 50	+30	5.36 R	.	A2	+0.136	+0.040	+.007	− 8	5.0	28.2		D
8464	22 12 58	+ 5 38	−26 19	+30	6.16	+0.17	A2	−0.023	−0.032	.		.	.		
8465	22 10 51	+ 3 28	+58 12	+30	3.36	+1.60	K1Ib	+0.014	+0.006	+.019	− 18	.	.		6
8466	22 12 8	+ 4 39	+24 58	+30	5.99 R	.	K0	−0.008	−0.020	.	− 3	.	.		
8467	22 12 43	+ 5 12	− 4 43	+30	6.41 H	.	F5	−0.057	−0.032	.	+ 2	.	.		6
8468	22 9 48	+ 1 55	+72 21	+30	4.89 R	.	G8III	+0.030	+0.009	+.011	− 15	.	.		
8469	22 11 31	+ 3 24	+59 25	+30	5.04	+0.25	O6f	+0.001	−0.009	+.002	− 74	.	.		
8470	22 13 44	+ 5 37	−25 11	+30	5.58 H	.	dF6	+0.070	+0.016	.	− 28	.	.		
8471	22 17 50	+ 9 43	−77 31	+30	5.50	+0.32	A6IV	−0.047	+0.011	.	+ 17	.	.		
8472	22 11 49	+ 3 37	+56 51	+30	5.24	+0.50	F8V	+0.230	+0.125	+.022	− 19	.	.		
8473	22 10 16	+ 1 58	+72 7	+30	6.38	−0.05	B9	−0.010	−0.024	.	− 3	.	.		G
8474	22 10 39	+ 2 17	+70 8	+30	5.50	+0.38	dF2	−0.061	+0.033	+.038	+ 1	2.0	15.3		D
8475	22 12 48	+ 4 26	+34 37	+30	5.33 R	.	K2III	+0.021	−0.048	+.004	− 7V?	.	.		D
8476	22 11 56	+ 3 27	+59 5	+30	6.39 R	.	K0	+0.128	+0.084	.	− 28	.	.		G
8477	22 14 38	+ 6 6	−41 23	+28	6.22	+0.64	G5V	+0.558	−0.790	+.040	− 18	.	.		
8478	22 14 19	+ 5 40	−27 46	+30	5.45	−0.11	B8III	+0.025	−0.002	+.008	− 6	.	.		
8479	22 12 1	+ 3 18	+60 46	+30	5.39 R	.	K1III	−0.010	+0.022	.	− 3	.	.		
8480	22 14 18	+ 5 31	−21 4	+30	5.45 H	.	K0III	+0.014	+0.067	+.009	− 24	2.0	5.2		D
8481	22 20 1	+ 11 12	−80 26	+30	5.09	+1.47	M6III	+0.074	−0.039	.	+ 12	.	.		G
8482	22 13 39	+ 4 35	+28 37	+30	5.86 R	.	gK3	+0.067	+0.001	.	− 19	.	.		
8483	22 12 23	+ 3 7	+63 18	+30	5.85 R	.	gM3	−0.007	−0.007	.	− 14	.	.		
8484	22 15 35	+ 6 7	−44 28	+30	6.08	+1.02	gG9	+0.005	−0.019	.		.	.		
8485	22 13 53	+ 4 18	+39 43	+30	4.51 R	.	K3III	+0.041	+0.006	+.018	− 11V	6.0	28.6	3	*
8486	22 15 37	+ 6 1	−41 21	+30	4.78	+0.80	gG4	+0.046	+0.028	+.004	− 7V	.	.		6
8487	22 13 49	+ 4 7	+45 27	+30	5.37 R	.	A0	+0.078	+0.009	.	− 9	.	.		
8488	22 16 27	+ 6 1	−41 37	+30	5.08	+0.92	gG5	−0.011	−0.011	+.005	+ 13V?	.	.		
8489	22 14 44	+ 4 12	+42 57	+30	5.67 R	.	A0	+0.051	−0.020	.	− 38	.	.		
8490	22 13 50	+ 3 9	+63 10	+30	6.19 R	−0.09	B9	−0.022	+0.000	.	+ 12V	.	.		6
8491	22 16 0	+ 4 59	+ 8 33	+30	6.01 R	.	A0	+0.003	+0.007	.	+ 0V	.	.		6
8492	22 16 37	+ 5 37	−25 54	+30	6.14	+1.12	K0	+0.034	−0.017	.		.	.		
8493	22 12 53	+ 1 49	+73 19	+30	6.05BR	.	K0II-III	+0.022	+0.023	+.014	+ 1	2.1	29.1		D
8494	22 15 2	+ 3 41	+57 3	+30	4.19	+0.27	F0IV	+0.444	+0.048	+.039	− 1	.	.		
8495	22 16 34	+ 5 9	− 1 36	+30	6.09 H	.	A4	−0.034	−0.007	.		.	.		
8496	22 16 48	+ 5 21	−12 50	+30	5.55 H	.	gK0	+0.010	+0.009	.	+ 13	.	.		
8497	22 17 0	+ 5 34	−23 8	+30	6.36 H	.	G5	+0.081	−0.054	.		.	.		
8498	22 15 59	+ 4 22	+37 45	+30	4.12 R	.	K3II-III	+0.011	+0.005	+.001	− 8	.	.		
8499	22 16 49	+ 5 16	− 7 47	+30	4.16	+0.99	G8III-IV	+0:114	−0.018	+.017	− 15	.	.		
8500	22 16 53	+ 5 17	− 9 2	+30	5.80	+1.16	gK3	−0.053	−0.006	.	+ 12	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
8501		−54 10055	211415	31178	5395.	14022	I		22 11 42	−54 7	339 2	−51 22
8502	α TUC	−60 7561	211416	31183	5396.	14024			22 11 39	−60 45	330 14	−47 58
8503		+27 4288	211432	31151	.	14009			22 11 53	+27 18	85 44	−23 40
8504	44 AQR	− 6 5960	211434	31163	.	14017		VAR?	22 11 53	− 5 53	56 32	−47 20
8505	υ OCT	−86 406	211539	31327	.				22 12 35	−86 29	305 36	−30 24
8506		+56 2746	211554	31167	.	14019			22 12 50	+56 43	103 7	+ 0 26
8507		− 0 4333	211575	31193	.				22 12 57	− 0 44	62 38	−44 25
8508	45 AQR	−14 6255	211676	31199	.	14031			22 13 39	−13 48	46 27	−51 51
8509		−58 7942	211726	31219	.				22 13 57	−58 1	333 28	−49 42
8510		+37 4537	211797	31210	.	14036	15828		22 14 33	+37 16	92 26	−15 55
8511	25 CEP	+62 2059	211833	31205	.	14033			22 14 57	+62 18	106 24	+ 4 57
8512	46 ρ AQR	− 8 5855	211838	31225	.	14045			22 14 56	− 8 19	54 9	−49 20
8513	30 PEG	+ 5 4998	211924	31230	.	14050	15847	VAR?	22 15 26	+ 5 17	69 17	−40 51
8514		+ 7 4853	211976	31239	.	14053			22 15 56	+ 7 41	71 37	−39 15
8515	ν IND	−72 2690	211998	31284	5404.	14070			22 16 2	−72 44	316 54	−40 40
8516	47 AQR	−22 5897	212010	31247	5405.	14057			22 16 5	−22 6	33 50	−55 33
8517		+26 4410	212047	31242	.	14054		VAR?	22 16 21	+26 26	86 3	−24 58
8518	48 γ AQR	− 2 5741	212061	31257	5407.	14062	15864	VAR?	22 16 29	− 1 53	62 10	−45 50
8519		+50 3673	212071	31243	.	14055			22 16 42	+50 29	100 12	− 5 7
8520	31 PEG	+11 4784	212076	31255	.	14061			22 16 36	+11 42	75 15	−36 26
8521		−46 14292	212087	31273	.		R7783	π^1 GRU	22 16 38	−46 27	350 17	−55 9
8522	32 PEG	+27 4299	212097	31253	5408.	14059	15863		22 16 42	+27 50	87 1	−23 53
8523	2 LAC	+45 3894	212120	31252	5409.	14058	15862		22 16 54	+46 2	97 47	− 8 52
8524	π GRU	−46 14295	212132	31279	5411.		R7785		22 17 0	−46 26	350 17	−55 13
8525		+75 820	212150	31227	.	14047			22 17 8	+75 59	114 16	+16 16
8526		−75 1748	212168	31308	.		I		22 17 10	−75 31	314 17	−38 44
8527		−71 2686	212211	31301	.				22 17 21	−70 56	318 31	−41 59
8528		+41 4469	212222	31274	.	14066			22 17 34	+41 34	95 24	−12 40
8529	49 AQR	−25 15905	212271	31291	.	14073			22 17 57	−25 16	28 31	−56 46
8530		− 7 5765	212320	31293	.	14074			22 18 17	− 7 42	55 39	−49 41
8531		−58 7954	212330	31311	5415.	14081	I		22 18 18	−58 18	332 37	−50 2
8532	33 PEG	+20 5139	212395	31300	5416.	14076	15896		22 18 51	+20 21	82 24	−30 9
8533	51 AQR	− 5 5780	212404	31307	.	14078	15902		22 18 54	− 5 21	58 42	−48 26
8534	50 AQR	−14 6276	212430	31317	.	14085			22 19 6	−14 2	47 6	−53 7
8535		+56 2765	212454	31297	.				22 19 18	+56 47	103 54	+ 0 0
8536		+37 4560	212487	31315	5417.	14083			22 19 28	+38 4	93 44	−15 48
8537		+61 2291	212495	31303	.	14077			22 19 39	+61 55	106 40	+ 4 20
8538	3 β LAC	+51 3358	212496	31310	5418.	14080			22 19 38	+51 44	101 15	− 4 18
8539	52 π AQR	+ 0 4872	212571	31328	.	14091			22 20 10	+ 0 52	65 59	−44 44
8540	δ TUC	−65 4044	212581	31346	.	14100	R7795A		22 20 13	−65 28	323 53	−45 52
8541	4 LAC	+48 3715	212593	31326	5419.	14090			22 20 28	+48 58	99 54	− 6 43
8542		−24 17171	212643	31343	.	14096			22 20 39	−24 11	30 43	−57 7
8543		+17 4746	212670	31338	.	14094			22 20 51	+17 56	81 5	−32 20
8544	53 AQR	−17 6520	212697	31348	.	14102	15934B		22 21 8	−17 15	42 32	−54 58
8545	53 AQR	−17 6521	212698	31349	5421.	14103	15934A		22 21 9	−17 15	42 32	−54 58
8546		+85 383	212710	31223	5423.	14043			22 21 18	+85 36	120 13	+24 6
8547		−68 3493	212728	31371	.				22 21 16	−68 0	321 7	−44 15
8548	34 PEG	+ 3 4705	212754	31355	5425.	14105	15935		22 21 32	+ 3 53	69 22	−42 55
8549		+36 4835	212883	31360	.	14110	15942		22 22 19	+36 56	93 35	−17 3
8550		+77 860	212937	31339	.				22 22 51	+77 44	115 33	+17 32

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
8501	22 18 15	+ 6 33	−53 38	+29	5.36	+0.61	G1V	+0.422	−0.668	+.077	− 14	5.1	3.5		2
8502	22 18 30	+ 6 51	−60 15	+30	2.85	+1.39	K3III	−0.069	−0.039	+.019	+ 42V	.	.1		R
8503	22 16 29	+ 4 36	+27 48	+30	6.30 R	.	K0	−0.012	+0.004	.	+ 16	.	.		
8504	22 17 6	+ 5 13	− 5 23	+30	5.76	+0.88	gG4	+0.000	+0.025	.	+ 7	.	.		
8505	22 31 39	+ 19 4	−85 58	+31	5.76	+1.01	K0III	−0.033	+0.064	.	+ 19V	.	.		
8506	22 16 27	+ 3 37	+57 13	+30	5.88	+0.93	G8III	+0.041	+0.007	.	− 8	.	.		
8507	22 18 5	+ 5 8	− 0 14	+30	6.36 H	.	F5	−0.045	−0.058	.		.	.		
8508	22 19 1	+ 5 22	−13 18	+30	6.09 H	.	gG7	+0.074	−0.009	.	+ 30	.	.		
8509	22 20 36	+ 6 39	−57 31	+30	6.34 H	.	K5	+0.019	−0.014	.		.	.		
8510	22 18 56	+ 4 23	+37 46	+30	6.17	+0.28	dF2	+0.055	+0.045	.013D	+ 7	2.2	15.8	4	D
8511	22 18 13	+ 3 16	+62 48	+30	5.78 R	.	K3III	+0.044	+0.018	.	− 2	.	.		
8512	22 20 12	+ 5 16	− 7 49	+30	5.34	−0.05	B8V	+0.010	+0.002	.	− 9V	.	.		
8513	22 20 28	+ 5 2	+ 5 47	+30	5.31BR	.	B5III	+0.018	+0.003	.	− 8V	5.3	6.2	3	D
8514	22 20 56	+ 5 0	+ 8 11	+30	6.08 R	.	dF4	+0.043	+0.026	.	+ 10	.	.		
8515	22 24 36	+ 8 34	−72 15	+29	5.28	+0.66	G0V	+1.297	−0.687	+.030	+ 21	.1	.1		7
8516	22 21 35	+ 5 30	−21 36	+30	5.13	+1.07	K2III	−0.013	−0.087	+.010	+ 49	.	.		
8517	22 21 0	+ 4 39	+26 56	+30	6.33 R	.	gM4	+0.012	−0.004	.	− 4	.	.		
8518	22 21 39	+ 5 10	− 1 23	+30	3.84	−0.06	B9III	+0.126	+0.011	+.040	− 15V	8.2	49.5		*
8519	22 20 40	+ 3 58	+50 59	+30	6.39 R	.	K2	+0.010	+0.005	.	− 9	.	.		
8520	22 21 31	+ 4 55	+12 12	+30	4.96	−0.16	B2Ve	+0.004	+0.010	.	+ 10	.	.		
8521	22 22 44	+ 6 6	−45 57	+30	6.65 H	.	$S4_7$	+0.000	−0.010	.	− 20	4.3	2.9		D
8522	22 21 19	+ 4 37	+28 20	+30	4.85 R	−0.02	B8V	+0.015	+0.004	+.019	+ 8	4.3	73.1	5	
8523	22 21 2	+ 4 8	+46 32	+30	4.57 R	−0.12	B6IV	+0.021	+0.005	+.034	− 10V	6.2	48.2		R
8524	22 23 8	+ 6 8	−45 56	+30	5.61	+0.37	F0IV	+0.230	−0.049	+.017	+ 20V	6.2	4.9		3
8525	22 18 20	+ 1 12	+76 29	+30	6.51 R	.	A0	+0.009	+0.014	.	− 18	.	.		
8526	22 25 51	+ 8 41	−75 1	+30	6.03	+0.64	dG2	+0.058	+0.023	.	+ 14	2.7	20.1		7
8527	22 25 10	+ 7 49	−70 26	+30	5.77	+0.39	gF3	+0.122	−0.061	.	+ 4	.	.		
8528	22 21 51	+ 4 17	+42 4	+30	6.27 R	.	B3	+0.017	+0.000	.	− 18	.	.		
8529	22 23 31	+ 5 34	−24 46	+30	5.61 H	.	gG9	+0.099	+0.000	.	− 11	.	.		
8530	22 23 32	+ 5 15	− 7 12	+30	6.11 H	.	gG6	−0.007	+0.011	.	− 14	.	.		
8531	22 24 56	+ 6 38	−57 48	+30	5.30	+0.67	dG0	+0.139	−0.342	+.052	+ 8	7.1	81.2		
8532	22 23 40	+ 4 49	+20 51	+30	6.01BR	.	dF4	+0.333	−0.014	+.033	− 23	2.5	72.8	3	D
8533	22 24 6	+ 5 12	− 4 51	+30	5.85 H	.	A0	+0.027	−0.001	.006D	+ 6	.0	.9	5	D
8534	22 24 27	+ 5 21	−13 32	+30	5.92 H	.	gG6	+0.045	+0.013	.	− 21	.	.		
8535	22 22 59	+ 3 41	+57 17	+30	6.16	−0.14	B8	+0.012	+0.002	.		.	.		
8536	22 23 54	+ 4 26	+38 35	+31	6.12 R	.	dF5	+0.253	+0.119	−.003	+ 5	.	.		
8537	22 23 1	+ 3 22	+62 25	+30	5.99 R	.	A0	−0.006	+0.043	.	− 15	.	.		
8538	22 23 34	+ 3 56	+52 14	+30	4.46 R	.	G9III	−0.017	−0.188	+.018	− 10	.	.		
8539	22 25 16	+ 5 6	+ 1 22	+30	4.68	−0.06	B1Vpe	+0.012	+0.005	.	+ 4V	.	.		
8540	22 27 19	+ 7 6	−64 57	+31	4.46	−0.03	B8V	+0.071	+0.003	.	+ 12	4.4	6.8		D
8541	22 24 31	+ 4 3	+49 28	+30	4.53	+0.09	B9Iab	−0.010	−0.003	−.001	− 26	.	.		
8542	22 26 11	+ 5 32	−23 41	+30	6.17 H	.	A0	+0.005	+0.004	.	− 15	.	.		
8543	22 25 40	+ 4 49	+18 27	+31	6.27 R	.	K0	+0.017	+0.033	.	+ 22	.	.		
8544	22 26 34	+ 5 26	−16 45	+30	6.57 H	.	dG1	+0.258	−0.010	.	− 3	.3	10.0	4	D
8545	22 26 34	+ 5 25	−16 44	+31	6.35 H	.	dG2	+0.219	+0.000	+.054	− 6	.3	10.0	4	D
8546	22 13 12	− 8 6	+86 6	+30	5.34 R	.	A0	+0.054	+0.051	+.005	+ 4V	.	.		R
8547	22 28 38	+ 7 22	−67 30	+30	5.54	+0.21	A3V	+0.149	−0.076	.		.	.		
8548	22 26 37	+ 5 5	+ 4 24	+31	5.76BR	.	dF5	+0.296	+0.051	+.038	− 18	6.5	3.0	3	*
8549	22 26 45	+ 4 26	+37 27	+31	6.45	−0.13	B2V	+0.011	−0.002	.	− 7	3.6	4.5		*
8550	22 23 41	+ 0 50	+78 15	+31	6.48 R	−0.06	B9	−0.006	+0.023	.		.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
8551	35 PEG	+ 3 4710	212943	31377	5428.	14113			22 22 48	+ 4 12	69 59	−42 55
8552	ν GRU	−39 14723	212953	31387	5429.	14116	I		22 22 48	−39 38	1 43	−58 2
8553		+39 4841	212978	31375	.	14112			22 23 3	+39 18	95 2	−15 8
8554		+55 2750	212986	31372	.				22 23 12	+55 56	103 55	− 1 0
8555		+31 4701	212988	31381	.	14115			22 23 11	+31 20	90 27	−21 49
8556	δ^1 GRU	−44 14931	213009	31400	5431.	14125		VAR?	22 23 18	−44 0	353 47	−57 3
8557		+70 1240	213022	31365	.	14111			22 23 26	+70 16	111 27	+11 13
8558	55 ζ^1 AQR	− 0 4365	213051	31398	.	14120	15971B		22 23 41	− 0 32	65 20	−46 19
8559	55 ζ^2 AQR	− 0 4365	213052	31399	5435.	14121	15971A		22 23 41	− 0 32	65 20	−46 19
8560	δ^2 GRU	−44 14935	213080	31412	5436.	14130	I	VAR?	22 23 47	−44 16	353 16	−57 3
8561	26 CEP	+64 1664	213087	31380	.	14114			22 23 52	+64 37	108 30	+ 6 23
8562	36 PEG	+ 8 4874	213119	31408	.	14128			22 24 9	+ 8 37	74 22	−39 58
8563		−27 15932	213135	31417	.			VAR?	22 24 10	−27 37	24 41	−58 34
8564		+26 4439	213179	31415	.	14132			22 24 29	+26 15	87 34	−26 10
8565		−13 6204	213198	31423	.	14139			22 24 41	−13 26	49 5	−54 2
8566	37 PEG	+ 3 4713	213235	31425	5440.	14141	15988		22 24 55	+ 3 55	70 13	−43 30
8567	56 AQR	−15 6231	213236	31428	.				22 24 56	−15 6	46 36	−54 52
8568		+63 1852	213242	31410	.	14129			22 25 0	+63 34	108 3	+ 5 25
8569		+34 4700	213272	31427	.	14143			22 25 14	+35 13	93 7	−18 49
8570	ζ PSA	−26 16175	213306	31444	5443.	14138		VAR?	22 25 20	−26 35	26 43	−58 39
8571	27 δ CEP	+57 2548	213307	31421	.	14136	15987A	δ CEP	22 25 27	+57 54	105 11	+ 0 32
8572	5 LAC	+46 3719	213310	31426	5441.	14142		VAR?	22 25 22	+47 12	99 40	− 8 39
8573	57 σ AQR	−11 5850	213320	31440	5442.	14146			22 25 21	−11 11	52 29	−53 2
8574	38 PEG	+31 4708	213323	31430	.	14144			22 25 27	+32 4	91 20	−21 29
8575		+48 3747	213389	31442	.	14147			22 26 0	+48 51	100 37	− 7 17
8576	17 β PSA	−32 17126	213398	31459	5444.	14152	IA		22 25 49	−32 52	14 34	−59 18
8577		−79 1206	213402	31498	.				22 25 55	−79 17	310 42	−36 13
8578	28 CEP	+78 796	213403	31401	.	14126			22 25 58	+78 17	116 0	+17 55
8579	6 LAC	+42 4420	213420	31449	.	14148			22 26 10	+42 37	97 22	−12 38
8580		− 3 5460	213428	31462	.				22 26 8	− 3 25	62 41	−48 40
8581		− 7 5797	213429	31461	5446.				22 26 4	− 7 4	58 12	−50 53
8582	ν TUC	−62 6348	213442	31478	5447.	14159			22 26 14	−62 30	326 35	−48 17
8583	58 AQR	−11 5855	213464	31468	.	14153			22 26 23	−11 25	52 23	−53 23
8584		+28 4389	213534	31473	.	14155			22 26 56	+29 2	89 48	−24 11
8585	7 α LAC	+49 3875	213558	31471	5449.	14154	16021		22 27 10	+49 46	101 15	− 6 36
8586	39 PEG	+19 4949	213617	31486	5452.1	14162			22 27 45	+19 43	83 54	−31 55
8587		+15 4670	213644	31490	.	14166			22 27 54	+15 21	80 45	−35 25
8588		+39 4871	213660	31488	.	14164	16031		22 28 1	+39 16	95 52	−15 41
8589		+53 2910	213720	31489	.	14165			22 28 21	+53 31	103 19	− 3 28
8590	60 AQR	− 2 5781	213789	31507	.	14173			22 28 54	− 2 5	64 53	−48 20
8591	29 ρ CEP	+78 801	213798	31474	5456.	14156			22 29 0	+78 19	116 10	+17 52
8592	59 υ AQR	−21 6251	213845	31516	5458.	14181			22 29 13	−21 13	37 5	−58 11
8593		−58 7971	213884	31529	.				22 29 24	−58 24	331 9	−51 9
8594		+55 2769	213930	31513	.	14178			22 29 48	+56 6	104 47	− 1 20
8595		+69 1262	213973	31510	5461.	14176	16057		22 30 9	+69 24	111 30	+10 10
8596		−24 17232	213986	31535	.	14187			22 30 6	−24 30	31 6	−59 17
8597	62 η AQR	− 0 4384	213998	31534	5462.	14186			22 30 13	− 0 38	66 50	−47 36
8598		+69 1263	214019	31515	5463.	14179	16062		22 30 27	+69 51	111 45	+10 33
8599		+75 836	214035	31506	.	14172			22 30 31	+75 43	114 50	+15 36
8600		−41 14959	214085	31547	.				22 30 39	−41 6	358 20	−59 10

BS = HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
8551	22 27 52	+ 5 4	+ 4 42	+30	4.80	+1.05	K0III-IV	+0.078	−0.308	+.021	+ 54	.	.		
8552	22 28 40	+ 5 52	−39 8	+30	5.46	+0.96	G9III	+0.041	−0.160	+.009	+ 11	7.0	27.4		
8553	22 27 26	+ 4 23	+39 49	+31	6.14	−0.14	B2V	−0.001	−0.010	.	− 17	.	.		G
8554	22 26 59	+ 3 47	+56 27	+31	6.37 R	−0.10	B8	+0.022	+0.007	.		.	.		
8555	22 27 46	+ 4 35	+31 51	+31	6.02 R	.	K2	+0.041	+0.034	.	+ 1	.	.		
8556	22 29 16	+ 5 58	−43 29	+31	3.96	+1.03	gG5	+0.023	−0.005	+.017	+ 5	.	.		
8557	22 26 1	+ 2 35	+70 47	+31	5.52 R	.	gK2	+0.008	+0.019	.	− 17V?	.	.		
8558	22 28 50	+ 5 9	− 0 1	+31	4.59 H	.	F2IV	+0.175	+0.013	.	+ 29V?	.2	4.6		D
8559	22 28 50	+ 5 9	− 0 1	+31	4.42 H	.	F2IV	+0.204	+0.046	+.013	+ 25	.2	4.6		D
8560	22 29 45	+ 5 58	−43 45	+31	4.31 H	.	gM6	−0.013	+0.001	−.011	+ 2V	3.9	61.5		D
8561	22 27 5	+ 3 13	+65 8	+31	5.46	+0.37	B0.5Ib	+0.001	+0.001	.	− 15	.	.		
8562	22 29 8	+ 4 59	+ 9 8	+31	5.65 R	.	gK5	+0.052	−0.018	.	− 30V?	.	.		
8563	22 29 46	+ 5 36	−27 6	+31	5.94	+0.34	F0V	+0.128	−0.014	.	+ 3	.	.		
8564	22 29 10	+ 4 41	+26 46	+31	5.79 R	.	gK2	+0.021	−0.005	.	− 45	.	.		
8565	22 30 2	+ 5 21	−12 55	+31	6.21 H	.	dF1	+0.164	+0.004	.	− 11	.	.		
8566	22 29 58	+ 5 3	+ 4 25	+30	5.50	+0.39	F5IV	−0.030	−0.141	+.026	+ 1	1.4	1.2		D
8567	22 30 17	+ 5 21	−14 35	+31	6.37 H	.	A0	+0.035	−0.036	.		.	.		
8568	22 28 20	+ 3 20	+64 5	+31	6.25 R	.	K0	+0.021	−0.010	.	− 27	.	.		
8569	22 29 44	+ 4 30	+35 44	+31	6.48 R	.	A0	−0.028	−0.037	.	− 2	.	.		
8570	22 30 53	+ 5 33	−26 4	+31	6.53 H	.	gK0	+0.031	−0.069	+.005	− 17	.	.		
8571	22 29 10	+ 3 43	+58 25	+31	3.7 H	.	F5Ib	+0.012	+0.002	.	− 21V	3.8	41.2	3	*
8572	22 29 32	+ 4 10	+47 43	+31	4.49 R	.	M0Iab+B	+0.003	−0.004	+.002	− 4V	.	.		6
8573	22 30 38	+ 5 17	−10 40	+31	4.82	−0.06	A0IV	−0.001	−0.028	+.016	+ 11V	.	.		*
8574	22 30 1	+ 4 34	+32 35	+31	5.47 R	−0.10	B9V	+0.029	−0.014	.	− 16	.	.		
8575	22 30 7	+ 4 7	+49 22	+31	6.38 R	.	K0	−0.027	−0.043	.	+ 4	.	.		R
8576	22 31 30	+ 5 41	−32 21	+31	4.28	+0.01	A0V	+0.063	−0.011	+.015	+ 6	3.4	30.5		D
8577	22 35 26	+ 9 31	−78 46	+31	6.14	+1.38	gK0	+0.048	−0.004	.		.	.		
8578	22 26 43	+ 0 45	+78 48	+31	5.77 R	.	A2	−0.015	−0.038	.	− 6	.	.		
8579	22 30 29	+ 4 19	+43 8	+31	4.48	−0.08	B2IV	−0.008	−0.002	.	− 8	.	.		G
8580	22 31 18	+ 5 10	− 2 54	+31	6.29 H	.	K0	−0.022	−0.031	.		.	.		
8581	22 31 19	+ 5 15	− 6 33	+31	6.15	+0.56	F8	+0.167	−0.102	+.046		.	.		
8582	22 32 59	+ 6 45	−61 59	+31	4.93	+1.57	gM4	+0.034	−0.026	+.003	− 3	.	.		
8583	22 31 41	+ 5 18	−10 54	+31	6.39 H	.	A7m	+0.069	−0.042	.	+ 4	.	.		6
8584	22 31 34	+ 4 38	+29 33	+31	6.28 R	.	A5	−0.047	−0.027	.	+ 2V	.	.		R
8585	22 31 17	+ 4 7	+50 17	+31	3.85 R	.	A2V	+0.134	+0.017	+.036	− 4	8.0	36.3		1
8586	22 32 35	+ 4 50	+20 14	+31	6.20 R	.	F0	+0.155	+0.030	+.014	− 19	.	.		G
8587	22 32 47	+ 4 53	+15 52	+31	6.32 R	.	K0	+0.009	+0.009	.	− 28	.	.		
8588	22 32 26	+ 4 25	+39 47	+31	5.77 R	.	A3	+0.003	−0.003	.	+ 5	3.6	105.7	5	
8589	22 32 19	+ 3 58	+54 2	+31	6.33 R	.	K0	+0.033	+0.028	.	− 14	.	.		
8590	22 34 3	+ 5 9	− 1 34	+31	5.92 H	.	gG6	+0.030	−0.035	.	− 8	.	.		
8591	22 29 53	+ 0 53	+78 50	+31	5.52 R	.	A2	+0.004	−0.015	+.005	+ 1V?	.	.		6
8592	22 34 41	+ 5 28	−20 42	+31	5.20	+0.44	F3V	+0.219	−0.143	+.039	− 2	.	.		
8593	22 35 52	+ 6 28	−57 53	+31	6.26 H	.	A3	+0.076	−0.010	.	+ 5	.	.		
8594	22 33 41	+ 3 53	+56 37	+31	5.63 R	.	K0III	+0.071	+0.048	.	− 11V	.	.		
8595	22 33 3	+ 2 54	+69 55	+31	5.94BR	.	comp	+0.114	+0.072	−.002	− 2	.5	.9		D
8596	22 35 36	+ 5 30	−23 59	+31	6.04 H	.	gK0	+0.037	−0.005	.	− 3	.	.		
8597	22 35 21	+ 5 8	− 0 7	+31	4.02	−0.09	B8V	+0.087	−0.052	+.017	− 8	.	.		
8598	22 33 17	+ 2 50	+70 22	+31	6.21 R	.	A0	+0.049	+0.024	−.006	− 19	2.3	9.4		3
8599	22 32 16	+ 1 45	+76 14	+31	5.75 R	.	A0	−0.019	−0.006	.	− 22V	.	.		6
8600	22 36 29	+ 5 50	−40 35	+31	6.27	+0.12	A4V	+0.040	−0.068	.	+ 1V	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
8601		−32 17161	214122	31555	.		I		22 30 58	−32 11	15 56	−60 23
8602		−41 14963	214150	31563	.	14200	I		22 31 9	−41 6	358 17	−59 15
8603	8 LAC	+38 4808	214167	31551	.	14195	16095A	VAR?	22 31 25	+39 7	96 22	−16 9
8604		+34 4728	214200	31558	.	14198			22 31 35	+35 4	94 12	−19 38
8605		+10 4781	214203	31565	.	14203			22 31 39	+11 11	78 22	−39 14
8606		+49 3903	214240	31556	.	14197			22 31 44	+49 33	101 47	− 7 10
8607		+55 2779	214279	31559	.	14199			22 31 57	+55 33	104 47	− 1 57
8608		+11 4838	214298	31570	.	14209			22 32 8	+12 4	79 12	−38 37
8609		+34 4729	214313	31568	.	14208			22 32 15	+35 8	94 21	−19 39
8610	63 κ AQR	− 4 5716	214376	31581	5471.	14213			22 32 35	− 4 45	62 40	−50 45
8611		−53 10326	214441	31602	.		I		22 32 58	−53 13	337 42	−54 33
8612		− 8 5912	214448	31593	.		16130		22 33 7	− 8 25	58 5	−53 6
8613	9 LAC	+50 3770	214454	31586	5477.	14216			22 33 16	+51 2	102 44	− 5 59
8614		−29 18414	214462	31597	.				22 33 11	−29 16	21 54	−60 44
8615	31 CEP	+72 1049	214470	31567	5476.	14207			22 33 18	+73 7	113 38	+13 16
8616		−33 16160	214484	31598	.	14220			22 33 13	−33 36	13 1	−60 50
8617		+44 4185	214558	31603	.	14223			22 33 58	+44 40	99 40	−11 35
8618	40 PEG	+18 5014	214567	31610	5480.1	14226	K		22 34 2	+19 0	84 50	−33 22
8619		−28 17873	214599	31623	.		16149A		22 34 10	−28 51	22 48	−60 54
8620		−58 7984	214632	31641	.				22 34 26	−57 57	331 4	−51 57
8621		+56 2821	214665	31615	5483.	14229	16140	VAR?	22 34 42	+56 17	105 29	− 1 30
8622	10 LAC	+38 4826	214680	31626	.	14234	16148		22 34 46	+38 32	96 39	−16 59
8623		−31 18920	214690	31639	5484.	14239		VAR?	22 34 48	−31 10	18 2	−61 11
8624	41 PEG	+18 5021	214698	31634	.	14237			22 34 56	+19 10	85 9	−33 21
8625		+74 978	214710	31604	.	14224			22 35 5	+74 51	114 38	+14 42
8626		+36 4902	214714	31632	.	14236	16154		22 35 3	+37 4	95 55	−18 16
8627	30 CEP	+62 2102	214734	31620	5485.	14231			22 35 6	+63 4	108 47	+ 4 25
8628	18 ε PSA	−27 16010	214748	31646	.	14240			22 35 8	−27 34	25 28	−60 58
8629		− 4 5728	214810	31649	.		R7825		22 35 37	− 4 4	64 16	−50 54
8630	β OCT	−82 889	214846	31712	.	14277			22 35 51	−81 54	308 21	−34 23
8631		+13 4971	214850	31655	5490.	14243	16173		22 35 55	+14 1	81 39	−37 39
8632	11 LAC	+43 4266	214868	31652	5491.	14242			22 36 8	+43 45	99 33	−12 35
8633		+53 2950	214878	31650	.	14241			22 36 14	+53 20	104 15	− 4 12
8634	42 ζ PEG	+10 4797	214923	31664	5492.	14247	16182		22 36 28	+10 19	78 51	−40 39
8635		−47 14307	214953	31684	5493.		I	VAR?	22 36 39	−47 43	345 45	−57 48
8636	β GRU	−47 14308	214952	31685	5494.	14260		VAR?	22 36 42	−47 24	346 17	−57 57
8637	19 PSA	−30 19267	214966	31680	.	14259			22 36 48	−29 53	20 45	−61 34
8638		+30 4771	214979	31668	.	14250			22 36 51	+30 26	92 37	−24 10
8639		−44 15017	214987	31686	.				22 36 50	−44 46	350 51	−59 3
8640	12 LAC	+39 4912	214993	31670	.	14252		DD LAC	22 37 0	+39 42	97 39	−16 11
8641	43 ο PEG	+28 4436	214994	31674	5496.	14256			22 37 4	+28 47	91 42	−25 35
8642		+13 4974	214995	31677	5495.	14258			22 37 1	+14 0	81 54	−37 50
8643		+40 4885	215030	31672	5497.	14254			22 37 8	+41 1	98 20	−15 3
8644	ρ GRU	−42 16049	215104	31701	5500.	14268	I		22 37 42	−41 56	356 0	−60 11
8645		− 9 6038	215114	31697	.	14267	16208		22 37 49	− 8 50	58 40	−54 17
8646		−61 6676	215121	31711	.				22 37 48	−61 1	326 54	−50 18
8647	67 AQR	− 7 5838	215143	31703	.				22 38 1	− 7 29	60 33	−53 31
8648		+53 2960	215159	31690	.	14262			22 38 15	+53 23	104 32	− 4 18
8649	66 AQR	−19 6324	215167	31708	5502.	14274		VAR?	22 38 12	−19 21	41 52	−59 31
8650	44 η PEG	+29 4741	215182	31706	5503.	14271	16211	VAR?	22 38 19	+29 42	92 29	−24 57

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
8601	22 36 36	+ 5 38	−31 40	+31	5.75 H	.	gK1	−0.047	−0.043	.		1.5	89.5		
8602	22 36 59	+ 5 50	−40 35	+31	5.84	+0.06	A2	+0.033	−0.073	.	+ 15	4.6	3.0		3
8603	22 35 52	+ 4 27	+39 38	+31	5.74	−0.14	B1Ve	+0.000	−0.005	.	− 14V	.5	22.5	6	*
8604	22 36 8	+ 4 33	+35 35	+31	6.06 R	.	K0	−0.005	−0.067	.	− 16	.	.		
8605	22 36 36	+ 4 57	+11 42	+31	6.38 R	+0.00	A2V	−0.013	+0.021	.	− 8	.	.		
8606	22 35 53	+ 4 9	+50 4	+31	6.29	−0.05	B3V	+0.003	+0.008	.	− 15V	.	.		*
8607	22 35 52	+ 3 55	+56 4	+31	6.24 R	.	A2	−0.005	−0.018	.	− 2	.	.		
8608	22 37 4	+ 4 56	+12 35	+31	6.37 R	.	K5	−0.035	−0.014	.	− 19	.	.		
8609	22 36 48	+ 4 33	+35 39	+31	6.36 R	.	K5	−0.002	+0.000	.	+ 10	.	.		
8610	22 37 46	+ 5 11	− 4 14	+31	5.03	+1.14	K2III	−0.073	−0.114	+.017	+ 8	.	.		
8611	22 39 9	+ 6 11	−52 42	+31	6.64	+0.36	F0	+0.001	−0.016	.		5.2	34.1		
8612	22 38 22	+ 5 15	− 7 54	+31	6.24	+0.78	G0	+0.070	+0.000	.		1.8	.3		2
8613	22 37 22	+ 4 6	+51 33	+31	4.80 R	.	A7IV	−0.058	−0.100	+.018	+ 12	.	.		6
8614	22 38 45	+ 5 34	−28 45	+31	6.46	+1.03	gK0	−0.039	+0.001	.		.	.		
8615	22 35 46	+ 2 28	+73 38	+31	5.18 R	.	F4III	+0.170	+0.025	+.009	+ 0	.	.		
8616	22 38 52	+ 5 39	−33 5	+31	5.65	+0.05	A m	+0.010	+0.019	.	+ 4V	.	.		R
8617	22 38 18	+ 4 20	+45 11	+31	6.37 R	.	F8comp	+0.000	+0.000	.	− 4	.	.		
8618	22 38 52	+ 4 50	+19 31	+31	5.72BR	.	gG7	−0.047	−0.099	+.013	− 20	5.6	1.9		2
8619	22 39 44	+ 5 34	−28 20	+31	6.33 H	.	gK0	+0.071	−0.031	.010D	− 22	.8	86.8	3	D
8620	22 40 48	+ 6 22	−57 26	+31	5.96	+1.46	K2III	+0.063	−0.004	.	− 32	.	.		
8621	22 38 38	+ 3 56	+56 48	+31	5.23 R	.	gM4	+0.050	−0.028	−.011	+ 8	5.3	29.5		1
8622	22 39 15	+ 4 29	+39 3	+31	4.88	−0.20	O9V	+0.000	−0.006	.	− 10	3.5	62.1		G
8623	22 40 23	+ 5 35	−30 39	+31	5.86	+1.30	K3III	−0.108	−0.208	+.009	+ 79	.	.		
8624	22 39 47	+ 4 51	+19 41	+31	6.16 R	+0.00	A2V	−0.008	−0.010	.	− 11	.	.		
8625	22 37 14	+ 2 9	+75 22	+31	5.90 R	.	gM1	+0.046	+0.010	.	− 7	.	.		
8626	22 39 34	+ 4 31	+37 35	+31	6.02 R	.	G p	+0.004	+0.000	.	− 7	6.9	18.8		1
8627	22 38 39	+ 3 33	+63 35	+31	5.15 R	.	A2	−0.007	−0.021	+.006	+ 11V	.	.		R
8628	22 40 40	+ 5 32	−27 3	+31	4.17	−0.11	B8Ve	+0.027	+0.000	.	+ 3	.	.		
8629	22 40 47	+ 5 10	− 3 33	+31	6.40 H	.	G0	−0.003	−0.037	.		.3	.3		D
8630	22 46 3	+ 10 12	−81 23	+31	4.14	+0.21	dA9	−0.049	+0.003	.	+ 24V	.	.		6
8631	22 40 52	+ 4 57	+14 33	+32	5.68BR	.	dG3	+0.263	+0.145	+.033	− 10	.0	.5		D
8632	22 40 31	+ 4 23	+44 16	+31	4.50 R	.	K3III	+0.091	+0.012	+.008	− 10	.	.		G
8633	22 40 18	+ 4 4	+53 51	+31	5.96 R	.	gG4	−0.002	−0.013	.	− 6	.	.		
8634	22 41 27	+ 4 59	+10 50	+31	3.47 R	−0.10	B8V	+0.077	−0.008	−.004	+ 7	8.0	64.3		
8635	22 42 36	+ 5 57	−47 12	+31	5.97	+0.58	G1V	+0.003	−0.325	+.060	+ 17	3.4	7.9		D
8636	22 42 40	+ 5 58	−46 53	+31	2.24 H	+1.6	M3II	+0.134	−0.009	+.003	+ 2	.	.		
8637	22 42 22	+ 5 34	−29 22	+31	6.17	+1.52	gM5	+0.023	−0.014	.	− 9	.	.		
8638	22 41 31	+ 4 40	+30 57	+31	6.32 R	.	K5	+0.059	+0.000	.	− 35	.	.		
8639	22 42 43	+ 5 53	−44 15	+31	6.06	+0.98	K1IV	+0.036	+0.037	.	+ 6V?	.	.		
8640	22 41 29	+ 4 29	+40 13	+31	5.22	−0.12	B2III	−0.009	−0.001	.	− 15V	.	.		*
8641	22 41 46	+ 4 42	+29 18	+31	4.82 R	−0.02	A1V	−0.008	−0.026	+.019	+ 9	.	.		G
8642	22 41 57	+ 4 56	+14 31	+31	5.96 R	.	gK0	+0.087	−0.020	−.008	− 26	.	.		
8643	22 41 36	+ 4 28	+41 32	+31	6.68 R	.	G9III	+0.144	+0.065	+.000	− 14	.	.		
8644	22 43 30	+ 5 48	−41 25	+31	4.84	+1.03	gG8	+0.019	−0.092	+.020	+ 29V?	9.1	14.0		
8645	22 43 3	+ 5 14	− 8 19	+31	6.46	+0.17	A2	+0.018	−0.002	.004D	+ 5V	1.0	2.7		*
8646	22 44 16	+ 6 28	−60 30	+31	6.44 H	.	F5	+0.003	+0.026	.		.	.		
8647	22 43 14	+ 5 13	− 6 58	+31	6.30 H	−0.05	B9	+0.021	−0.012	.		.	.		
8648	22 42 20	+ 4 5	+53 54	+31	6.19 R	.	K2	−0.002	+0.001	.	+ 9	.	.		
8649	22 43 35	+ 5 23	−18 50	+31	4.71	+1.37	K4III	−0.030	−0.025	+.009	+ 22	.	.		G
8650	22 43 0	+ 4 41	+30 13	+31	2.96	+0.84	G8II?+F?	+0.010	−0.025	−.002	+ 4V	7.1	91.0	5	R

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
8651		+37 4670	215191	31704	.	14270			22 38 23	+37 17	96 38	−18 25
8652		+46 3803	215242	31709	.	14275	16214	VAR?	22 38 45	+46 39	101 24	−10 16
8653		+10 4805	215243	31713	.	14278			22 38 44	+10 25	79 30	−40 55
8654		+38 4855	215359	31731	5507.	14282	16228		22 39 34	+38 56	97 42	−17 6
8655	η GRU	−54 10123	215369	31744	5505.	14292	R7842		22 39 30	−54 2	335 36	−54 53
8656	13 LAC	+41 4594	215373	31732	5506.	14284	16227		22 39 38	+41 18	98 55	−15 2
8657		−47 14320	215405	31750	5509.	14294			22 39 47	−47 4	346 24	−58 34
8658		−49 13955	215456	31757	.				22 40 7	−49 30	342 19	−57 27
8659		−50 13788	215504	31762	.				22 40 28	−50 12	341 9	−57 8
8660	45 PEG	+18 5046	215510	31753	.	14297			22 40 36	+18 50	86 15	−34 23
8661		+51 3460	215518	31749	.	14293			22 40 39	+51 59	104 12	− 5 42
8662		−47 14331	215545	31769	.		I		22 40 49	−47 28	345 34	−58 32
8663	ξ OCT	−80 1055	215573	31821	.	14323			22 41 3	−80 39	309 2	−35 31
8664		−77 1554	215631	31815	.				22 41 22	−77 35	311 13	−38 2
8665	46 ξ PEG	+11 4875	215648	31778	5516.	14308	16261		22 41 42	+11 40	81 16	−40 23
8666		+43 4300	215664	31771	5514.	14306			22 41 44	+44 1	100 36	−12 50
8667	47 λ PEG	+22 4709	215665	31776	5515.	14307			22 41 43	+23 2	89 15	−31 1
8668		−34 15735	215669	31785	.				22 41 43	−34 41	10 28	−62 30
8669		−62 6369	215682	31803	.				22 41 52	−62 13	325 2	−49 49
8670	68 AQR	−20 6486	215721	31794	5519.	14313			22 42 11	−20 8	41 6	−60 40
8671		−38 15217	215724	31798	.				22 42 6	−38 45	1 51	−61 52
8672		−71 2726	215729	31820	.				22 42 9	−70 53	316 32	−43 24
8673	69 AQR	−14 6346	215766	31802	.	14316	16268		22 42 24	−14 35	51 3	−58 21
8674		−26 16324	215782	31806	.				22 42 27	−26 26	28 22	−62 24
8675	ϵ GRU	−51 13389	215789	31813	5521.	14321		VAR?	22 42 31	−51 51	338 18	−56 31
8676	70 AQR	−11 5923	215874	31822	.	14324			22 43 15	−11 5	56 47	−56 40
8677		+57 2612	215907	31812	.	14320			22 43 25	+57 57	107 18	+ 0 35
8678		+36 4934	215943	31824	.	14325			22 43 36	+36 53	97 24	−19 17
8679	71 τ AQR	−14 6354	216032	31836	5525.	14333		VAR?	22 44 18	−14 7	52 15	−58 31
8680		−33 16244	216042	31840	.		I		22 44 25	−33 20	13 18	−63 11
8681		+ 9 5111	216048	31838	.	14335			22 44 32	+ 9 57	80 38	−42 10
8682		+53 2993	216057	31831	.				22 44 39	+53 53	105 37	− 4 17
8683		+62 2115	216102	31834	.	14332			22 44 58	+62 25	109 29	+ 3 19
8684	48 μ PEG	+23 4615	216131	31851	5528.	14339			22 45 11	+24 4	90 40	−30 34
8685		−39 14848	216149	31863	5529.	14346			22 45 21	−39 41	359 34	−62 14
8686		−60 7610	216169	31869	.				22 45 27	−60 25	326 35	−51 23
8687		+67 1468	216172	31841	5530.	14336	16291A		22 45 36	+68 2	112 5	+ 8 18
8688		+55 2820	216174	31854	.	14340			22 45 39	+55 22	106 25	− 3 2
8689		−63 4826	216187	31872	.		I		22 45 41	−63 43	322 57	−49 2
8690	14 LAC	+41 4623	216200	31861	.	14345		VAR?	22 45 51	+41 25	100 2	−15 29
8691		+18 5059	216201	31864	.	14347			22 45 46	+18 37	87 21	−35 15
8692		+49 3954	216206	31858	.	14344			22 45 53	+50 9	104 6	− 7 42
8693	21 PSA	−30 19324	216210	31868	.				22 45 50	−30 4	20 35	−63 32
8694	32 ι CEP	+65 1814	216228	31857	5532.	14343			22 46 7	+65 40	111 4	+ 6 10
8695	22 γ PSA	−33 16270	216336	31895	5536.	14359	I	VAR?	22 46 58	−33 24	13 4	−63 42
8696		+60 2450	216380	31884	5541.	14354	16317		22 47 28	+61 10	109 12	+ 2 4
8697	49 σ PEG	+ 9 5122	216385	31899	5539.	14362			22 47 20	+ 9 18	80 51	−43 6
8698	73 λ AQR	− 8 5968	216386	31903	5540.	14363		VAR?	22 47 24	− 8 7	62 10	−55 44
8699	15 LAC	+42 4521	216397	31896	5542.	14360	16325		22 47 31	+42 47	100 58	−14 25
8700	τ^1 GRU	−49 13988	216435	31913	5543.				22 47 43	−49 8	341 42	−58 42

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
8651	22 42 56	+ 4 33	+37 48	+31	6.43	−0.09	B1V	+0.007	−0.008	.	− 18	.	.		G
8652	22 43 4	+ 4 19	+47 10	+31	6.40 R	+0.47	B9comp	+0.009	−0.002	.002D	− 17V	1.2	.5	3	*
8653	22 43 43	+ 4 59	+10 56	+31	6.33 R	.	F5	+0.009	−0.165	.	− 2	.	.		
8654	22 44 5	+ 4 31	+39 27	+31	5.87BR	.	K5III	+0.002	−0.020	+.005	− 27	2.2	3.3	3	D
8655	22 45 38	+ 6 8	−53 30	+32	4.84	+1.18	gK2	+0.030	+0.019	+.000	+ 28V	7.1	24.6		6
8656	22 44 6	+ 4 28	+41 49	+31	5.12BR	.	K0III	−0.010	+0.006	+.007	+ 13	5.4	14.7		4
8657	22 45 41	+ 5 54	−46 33	+31	5.50	+1.32	K3III	−0.037	−0.019	−.009	+ 42	.	.		
8658	22 46 7	+ 6 0	−48 59	+31	6.80 H	.	G0	+0.199	−0.048	.		.	.		
8659	22 46 28	+ 6 0	−49 41	+31	6.52 H	.	K0	+0.083	−0.275	.		.	.		
8660	22 45 28	+ 4 52	+19 22	+32	6.27 R	.	gG6	−0.035	+0.057	.	− 22	.	.		
8661	22 44 49	+ 4 10	+52 31	+32	6.52 R	.	K2	−0.005	+0.013	.	+ 5	.	.		
8662	22 46 44	+ 5 55	−46 56	+32	6.60?	+0.31	A5m	+0.053	+0.005	.	− 1	3.1	10.6		D
8663	22 50 23	+ 9 20	−80 7	+32	5.34	−0.16	B5	+0.034	−0.019	.	+ 16V?	.	.		
8664	22 49 41	+ 8 19	−77 3	+32	6.72	+0.11	A2	+0.082	+0.015	.		.	.		
8665	22 46 42	+ 5 0	+12 11	+31	4.19	+0.50	F7V	+0.229	−0.495	+.047	− 5	8.0	12.2		D
8666	22 46 10	+ 4 26	+44 33	+32	5.76 R	.	dA8	+0.136	+0.032	+.018	− 10	.	.		G
8667	22 46 32	+ 4 49	+23 34	+32	4.01 R	.	G8II-III	+0.052	−0.012	+.037	− 4	.	.		
8668	22 47 19	+ 5 36	−34 9	+32	6.27	+1.16	K0	−0.073	+0.049	.		.	.		
8669	22 48 21	+ 6 29	−61 41	+32	6.36	+1.06	K0	+0.069	+0.002	.		.	.		
8670	22 47 33	+ 5 22	−19 37	+31	5.26	+0.94	G7III	−0.107	−0.200	+.027	+ 23	.	.		
8671	22 47 47	+ 5 41	−38 13	+32	6.70	+0.48	G0	−0.073	−0.075	.		.	.		
8672	22 49 17	+ 7 8	−70 21	+32	6.33	+0.07	A2	+0.008	+0.038	.		.	.		
8673	22 47 42	+ 5 18	−14 3	+32	5.70 H	−0.05	B9	+0.028	−0.006	.	+ 15	3.2	30.7		*
8674	22 47 56	+ 5 29	−25 55	+31	6.48 H	.	G5	+0.110	−0.108	.		.	.		
8675	22 48 33	+ 6 2	−51 19	+32	3.48	+0.08	A2V	+0.103	−0.060	+.038	+ 0V	.	.		
8676	22 48 31	+ 5 16	−10 33	+32	6.15 H	.	dF0	+0.029	+0.006	.	− 6	.	.		
8677	22 47 23	+ 3 58	+58 29	+32	6.27 R	.	A0	+0.004	+0.003	.	+ 4	.	.		
8678	22 48 11	+ 4 35	+37 25	+32	5.79 R	.	gG8	−0.060	−0.058	.	− 25	.	.		
8679	22 49 36	+ 5 18	−13 35	+32	4.02	+1.57	M0III	−0.017	−0.034	+.011	+ 1	.	.		
8680	22 49 59	+ 5 34	−32 48	+32	6.32	+0.32	F2IV	−0.055	−0.016	.015D	+ 24	.3	.3		D
8681	22 49 32	+ 5 0	+10 29	+32	6.36 R	.	F0	+0.086	−0.028	.	− 8	.	.		
8682	22 48 48	+ 4 9	+54 25	+32	6.04 R	−0.07	B8	−0.020	+0.008	.		.	.		
8683	22 48 44	+ 3 46	+62 57	+32	6.03 R	.	K0	+0.006	−0.048	.	− 27	.	.		
8684	22 50 1	+ 4 50	+24 36	+32	3.50	+0.91	G8III	+0.145	−0.041	+.032	+ 14	.	.		
8685	22 51 2	+ 5 41	−39 9	+32	5.42	+1.43	M0III	+0.022	−0.014	−.005	+ 27	.	.		
8686	22 51 45	+ 6 18	−59 53	+32	6.40 H	.	K0	−0.037	+0.009	.		.	.		
8687	22 49 1	+ 3 25	+68 34	+32	7.09 H	.	dF4	+0.111	+0.072	+.027	+ 3	.0	3.9	3	D
8688	22 49 47	+ 4 8	+55 54	+32	5.45 R	.	K1III	+0.081	+0.044	.	− 36	.	.		
8689	22 52 10	+ 6 29	−63 11	+32	6.08 H	.	K0	+0.016	−0.041	.		3.0	1.2		2
8690	22 50 22	+ 4 31	+41 57	+32	5.94	+0.08	B3IV?	+0.007	+0.000	.	− 14	.	.		G
8691	22 50 40	+ 4 54	+19 9	+32	6.37 R	.	K0	+0.045	−0.020	.	− 39	.	.		
8692	22 50 11	+ 4 18	+50 41	+32	6.23	+1.16	G4Ib	+0.010	+0.004	.	− 9	.	.		
8693	22 51 21	+ 5 31	−29 32	+32	6.03 H	.	gG9	−0.009	−0.010	.		.	.		
8694	22 49 41	+ 3 34	+66 12	+32	3.55 R	.	K1III	−0.067	−0.122	+.036	− 12	.	.		G
8695	22 52 31	+ 5 33	−32 52	+32	4.46	−0.04	A0V	−0.035	−0.024	+.037	+ 17V?	4.0	4.5		*
8696	22 51 22	+ 3 54	+61 42	+32	5.68BR	.	G8III-IV	+0.106	+0.047	+.005	+ 2	1.3	2.2		*
8697	22 52 24	+ 5 4	+ 9 50	+32	5.22 R	.	F7IV	+0.518	+0.047	+.039	+ 12	.	.		
8698	22 52 37	+ 5 13	− 7 35	+32	3.74	+1.64	M2III	+0.004	+0.040	+.012	− 9	.	.		
8699	22 52 2	+ 4 31	+43 19	+32	5.02 R	.	gM0	+0.106	+0.029	+.022	− 17	7.0	29.6		1
8700	22 53 38	+ 5 55	−48 36	+32	6.03	+0.62	G3IV	+0.211	−0.076	+.023	− 1	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
8701	ρ IND	−70 2971	216437	31926	.				22 47 42	−70 36	316 17	−43 54
8702		+82 703	216446	31855	5545.	14342	16294		22 47 53	+82 37	119 9	+21 12
8703		+16 4831	216489	31908	.	14366			22 48 7	+16 19	86 22	−37 29
8704	74 AQR	−12 6371	216494	31918	.				22 48 13	−12 9	56 24	−58 17
8705		+49 3962	216523	31915	.				22 48 32	+49 53	104 22	− 8 8
8706		+39 4957	216538	31920	.	14368		VAR?	22 48 37	+39 38	99 40	−17 18
8707		+59 2595	216595	31922	.	14369			22 49 4	+59 34	108 41	+ 0 32
8708		+43 4331	216608	31930	5551.	14374	16345		22 49 12	+44 13	101 55	−13 16
8709	76 δ AQR	−16 6173	216627	31943	5552.	14380			22 49 21	−16 21	49 34	−60 40
8710	78 AQR	− 7 5886	216637	31942	.	14379			22 49 22	− 7 44	63 15	−55 52
8711	77 AQR	−17 6619	216640	31944	5554.	14382		VAR?	22 49 28	−16 48	48 47	−60 54
8712		+39 4964	216646	31940	.	14378			22 49 32	+39 51	99 56	−17 12
8713		−37 14981	216666	31957	.				22 49 38	−36 55	5 1	−63 44
8714		+16 4833	216672	31945	.	14383			22 49 40	+16 24	86 49	−37 37
8715	1 PSC	+ 0 4939	216701	31956	.	14388			22 49 53	+ 0 32	73 23	−50 15
8716		− 5 5885	216718	31960	.	14390	16365		22 50 0	− 5 31	66 22	−54 33
8717	50 ρ PEG	+ 8 4961	216735	31963	5557.	14391			22 50 12	+ 8 17	80 47	−44 20
8718		+36 4956	216756	31964	.	14392			22 50 23	+36 33	98 30	−20 13
8719		−32 17312	216761	31972	.				22 50 20	−32 10	15 47	−64 29
8720	23 δ PSA	−33 16303	216763	31974	5559.	14395	I		22 50 25	−33 4	13 42	−64 27
8721		−32 17321	216803	31978	5562.	14398			22 50 50	−32 6	15 56	−64 36
8722	τ^3 GRU	−48 14364	216823	31980	.				22 50 58	−48 30	342 11	−59 29
8723		+35 4917	216831	31976	.	14396	16376		22 51 5	+35 49	98 17	−20 55
8724		+11 4904	216900	31991	.	14404	16389		22 51 51	+11 19	83 40	−42 7
8725	16 LAC	+40 4949	216916	31987	.	14401	16381	EN LAC	22 51 50	+41 4	100 55	−16 18
8726		+48 3887	216946	31989	5564.	14403		VAR?	22 52 3	+49 12	104 35	− 7 0
8727		− 5 5894	216953	31996	.	14406			22 52 7	− 5 21	67 12	−54 49
8728	24 α PSA	−30 19370	216956	32000	5565.	14409			22 52 8	−30 9	20 30	−64 54
8729	51 PEG	+19 5036	217014	32003	5568.	14411		VAR?	22 52 33	+20 14	90 3	−34 43
8730		+ 3 4799	217019	32002	.	14410			22 52 27	+ 3 16	76 53	−48 37
8731		+47 3985	217050	31998	.	14407		EW LAC	22 52 39	+48 9	104 13	− 9 59
8732		−36 15650	217096	32016	.				22 53 1	−36 3	6 39	−64 35
8733		+38 4904	217101	32010	.	14412			22 53 4	+38 46	100 4	−18 28
8734		− 3 5539	217107	32015	.				22 53 7	− 2 56	70 27	−53 19
8735		− 2 5858	217131	32018	.	14417			22 53 14	− 1 57	71 38	−52 38
8736		+84 517	217157	31955	.	14387			22 53 29	+84 50	120 24	+23 5
8737		+ 8 4973	217166	32021	5569.	14418	16417	VAR?	22 53 31	+ 8 50	82 9	−44 23
8738		+ 6 5092	217186	32023	.	14419			22 53 40	+ 6 48	80 29	−46 2
8739	52 PEG	+10 4859	217232	32034	.	14422	16428		22 54 12	+11 12	84 14	−42 33
8740		−30 19383	217236	32036	.	14423			22 54 8	−30 0	20 53	−65 19
8741		−13 6318	217251	32038	.	14425			22 54 20	−13 36	55 38	−60 19
8742	2 PSC	+ 0 4950	217264	32037	.	14424	16431		22 54 20	+ 0 26	74 35	−51 5
8743		−25 16220	217303	32049	.	14430			22 54 41	−25 42	31 5	−64 59
8744		+51 3514	217314	32039	.	14426			22 54 50	+52 7	106 14	− 6 33
8745		+59 2615	217348	32042	.				22 55 3	+59 17	109 15	+ 0 2
8746		−26 16419	217358	32055	.				22 54 59	−26 10	30 2	−65 8
8747	ζ GRU	−53 10382	217364	32061	5573.	14432			22 54 59	−53 17	334 7	−57 9
8748		+83 640	217382	31999	5575.	14408			22 55 13	+83 49	119 57	+22 10
8749		−51 13446	217403	32068	.	14436			22 55 15	−51 29	336 41	−58 19
8750	3 PSC	− 0 4443	217428	32065	.	14434			22 55 30	− 0 21	74 5	−51 51

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
8701	22 54 39	+ 6 57	−70 4	+32	6.04	+0.66	G1V	−0.042	+0.067	.	− 3	.	.		
8702	22 47 30	− 0 23	+83 9	+32	4.83BR	.	K3III	+0.023	+0.053	−.020	− 31	4.7	3.5		2
8703	22 53 2	+ 4 55	+16 51	+32	5.57 R	.	gK1	−0.024	−0.026	.	− 12V	.	.		R
8704	22 53 29	+ 5 16	−11 37	+32	5.81	−0.08	B9	+0.019	+0.005	.		.	.		
8705	22 52 52	+ 4 20	+50 25	+32	6.39 R	−0.04	B9	+0.015	−0.011	.		.	.		
8706	22 53 11	+ 4 34	+40 10	+32	6.18 R	−0.09	B6III	−0.003	−0.009	.	+ 7	.	.		
8707	22 53 3	+ 3 59	+60 6	+32	6.10 R	.	sgK2	+0.017	+0.010	.	− 7V	.	.		6
8708	22 53 40	+ 4 28	+44 45	+32	5.58BR	.	A m	−0.019	−0.012	+.016	+ 12V	2.0	1.2	3	*
8709	22 54 39	+ 5 18	−15 49	+32	3.29	+0.05	A3V	−0.042	−0.021	+.039	+ 18	.	.		G
8710	22 54 34	+ 5 12	− 7 12	+32	6.20	+1.28	gK3	−0.018	−0.033	.	+ 9	.	.		
8711	22 54 45	+ 5 17	−16 16	+32	5.56	+1.14	K2III	−0.226	−0.086	+.014	− 36	.	.		
8712	22 54 7	+ 4 35	+40 23	+32	5.76 R	.	K0III	+0.099	+0.036	.	− 6	.	.		G
8713	22 55 15	+ 5 37	−36 23	+32	6.38 H	.	K0	+0.043	+0.000	.		.	.		
8714	22 54 36	+ 4 56	+16 56	+32	6.31 R	.	$S5_1$	+0.014	−0.008	.	+ 11	.	.		
8715	22 55 0	+ 5 7	+ 1 4	+32	6.00 R	.	A3	+0.018	+0.005	.	+ 13	.	.		
8716	22 55 11	+ 5 11	− 4 59	+32	5.87 H	.	gG7	+0.028	−0.001	.006D	− 9	2.0	.9		2
8717	22 55 14	+ 5 2	+ 8 49	+32	4.89	+0.01	A1V	+0.073	+0.017	+.000	− 10	.	.		
8718	22 55 2	+ 4 39	+37 5	+32	5.91 R	.	F3	+0.086	+0.009	.	− 28	.	.		
8719	22 55 51	+ 5 31	−31 38	+32	6.13 H	.	K0	−0.038	−0.005	.		.	.		
8720	22 55 57	+ 5 32	−32 32	+32	4.20	+0.97	gG8	+0.013	+0.032	+.015	− 12	6.2	5.5		D
8721	22 56 24	+ 5 34	−31 34	+32	6.49	+1.10	K5V	+0.321	−0.161	+.123	+ 6	.	.		
8722	22 56 48	+ 5 50	−47 58	+32	5.90 H	.	A m	−0.037	+0.005	.		.	.		
8723	22 55 45	+ 4 40	+36 21	+32	5.64 R	−0.04	B7III	+0.018	+0.005	.	+ 1	2.6	51.0		
8724	22 56 51	+ 5 0	+11 51	+32	6.39 R	.	A3	+0.057	−0.006	.008D	+ 8	2.3	3.9		2
8725	22 56 24	+ 4 34	+41 36	+32	5.60	−0.12	B2IV	−0.007	+0.000	.	− 7V	3.0	63.5	3	*
8726	22 56 26	+ 4 23	+49 44	+32	4.98	+1.82	K5Ib	−0.001	−0.002	−.005	− 10	.	.		
8727	22 57 18	+ 5 11	− 4 49	+32	6.37 H	.	gG6	−0.021	+0.007	.	− 9	.	.		
8728	22 57 39	+ 5 31	−29 37	+32	1.16	+0.09	A3V	+0.328	−0.164	+.144	+ 7	.	.		N
8729	22 57 28	+ 4 55	+20 46	+32	5.53	+0.68	G5V	+0.200	+0.059	+.073	− 31	.	.		
8730	22 57 32	+ 5 5	+ 3 48	+32	6.29 R	.	K1III	+0.063	+0.043	.	+ 11	.	.		
8731	22 57 4	+ 4 25	+48 41	+32	5.48	−0.06	B2?pe	+0.013	−0.004	.	− 11	.	.		
8732	22 58 35	+ 5 34	−35 31	+32	6.12	+0.58	dF8	−0.006	−0.110	.	+ 21	.	.		
8733	22 57 41	+ 4 37	+39 18	+32	6.17	−0.15	B2IV-V	−0.008	+0.002	.	− 16	.	.		G
8734	22 58 16	+ 5 9	− 2 24	+32	6.21 H	.	G5	−0.021	−0.001	.		.	.		
8735	22 58 23	+ 5 9	− 1 25	+32	6.40 H	.	F2	+0.084	−0.002	.	− 14	.	.		G
8736	22 51 3	− 2 26	+85 22	+32	6.01 R	.	K5	+0.007	+0.112	.	− 30	.	.		
8737	22 58 35	+ 5 4	+ 9 22	+32	6.40 R	.	dG1	+0.397	−0.138	+.033	− 27	.5	.4		*
8738	22 58 42	+ 5 2	+ 7 20	+32	6.26 R	.	A0	−0.046	−0.076	.	− 1	.	.		
8739	22 59 12	+ 5 0	+11 44	+32	5.72BR	.	F0V	+0.028	−0.038	.014D	+ 20	1.5	1.3		2
8740	22 59 36	+ 5 28	−29 28	+32	5.50	+0.26	A5	−0.008	+0.010	.	+ 0	.	.		
8741	22 59 36	+ 5 16	−13 4	+32	6.27 H	.	gK5	−0.015	+0.004	.	+ 13	.	.		
8742	22 59 27	+ 5 7	+ 0 58	+32	5.46BR	.	gK1	+0.081	−0.067	.	− 13	7.7	3.9		2
8743	23 0 6	+ 5 25	−25 10	+32	5.85 H	.	gK0	+0.031	−0.075	.	− 35	.	.		
8744	22 59 10	+ 4 20	+52 39	+32	6.26 R	.	K2	−0.034	+0.028	.	+ 28	.	.		
8745	22 59 9	+ 4 6	+59 49	+32	6.38 R	+0.02	B9	+0.002	+0.007	.		.	.		
8746	23 0 24	+ 5 25	−25 38	+32	6.44 H	.	gK1	+0.082	−0.034	.		.	.		
8747	23 0 53	+ 5 54	−52 45	+32	4.11	+0.98	G5III	−0.067	−0.012	+.031	− 1V	.	.		6
8748	22 54 25	− 0 48	+84 21	+32	4.91 R	.	K4III	+0.098	+0.030	+.000	+ 3	.	.		G
8749	23 1 7	+ 5 52	−50 57	+32	5.67	+1.42	gK2	+0.073	−0.004	.	+ 8	.	.		
8750	23 0 38	+ 5 8	+ 0 11	+32	6.40 H	.	gG4	+0.036	+0.019	.	− 16	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
8751		+ 2 4594	217459	32067	.	14435			22 55 37	+ 2 29	77 3	−49 44
8752		+56 2923	217476	32063	5576.	14433			22 55 52	+56 25	108 10	− 2 42
8753		+30 4859	217477	32072	.	14438	16443		22 55 56	+30 33	96 38	−26 4
8754		−29 18537	217484	32075	.				22 55 52	−29 23	22 24	−65 40
8755		+44 4302	217491	32071	.	14437			22 56 3	+44 50	103 19	−13 14
8756		−23 17706	217498	32077	.				22 56 0	−23 20	36 40	−64 44
8757	81 AQR	− 7 5910	217531	32079	.	14440			22 56 12	− 7 36	65 24	−57 5
8758		+37 4744	217543	32073	.	14439		VAR?	22 56 16	+38 10	100 23	−19 17
8759		− 5 5910	217563	32082	.				22 56 21	− 5 15	68 35	−55 31
8760		−37 15047	217642	32098	.		I		22 57 1	−36 57	4 10	−65 10
8761		+56 2927	217673	32091	.	14444			22 57 17	+56 34	108 24	− 2 38
8762	1 *o* AND	+41 4664	217675	32095	5578.	14449		*o* AND	22 57 19	+41 47	102 12	−16 6
8763	82 AQR	− 7 5913	217701	32102	.	14453			22 57 21	− 7 7	66 25	−56 58
8764		−21 6354	217703	32105	.				22 57 24	−21 24	41 12	−64 27
8765		+31 4829	217754	32107	.	14454			22 57 47	+31 14	97 22	−25 39
8766	2 AND	+41 4665	217782	32110	5580.	14455	16467		22 58 0	+42 13	102 30	−15 46
8767	π PSA	−35 15630	217792	32122	5581.	14463			22 57 58	−35 17	8 0	−65 43
8768		+43 4378	217811	32114	.	14458	16472		22 58 11	+43 31	103 6	−14 36
8769		−69 3301	217831	32141	.	14470			22 58 16	−69 22	316 17	−45 26
8770		+54 2900	217833	32116	.		16474		22 58 25	+54 42	107 47	− 4 25
8771		−42 16177	217842	32129	.				22 58 22	−42 1	352 52	−63 44
8772		− 5 5917	217877	32136	.				22 58 45	− 5 20	69 13	−56 1
8773	4 β PSC	+ 3 4818	217891	32134	.	14467			22 58 47	+ 3 17	78 47	−49 36
8774	κ GRU	−54 10197	217902	32143	5582.	14473			22 58 45	−54 30	331 47	−56 46
8775	53 β PEG	+27 4480	217906	32135	5583.	14468	16483	β PEG	22 58 56	+27 32	95 44	−29 3
8776		+ 5 5123	217926	32139	.	14469			22 58 57	+ 6 4	81 22	−47 25
8777		+59 2631	217943	32133	.	14466	16481		22 59 15	+59 54	109 59	+ 0 19
8778		+57 2676	217944	32130	.	14465			22 59 8	+58 2	109 13	− 1 24
8779		+66 1575	218029	32142	5585.	14471			22 59 44	+66 40	112 45	+ 6 29
8780	3 AND	+49 4028	218031	32144	5586.	14474			22 59 42	+49 30	105 51	− 9 15
8781	54 α PEG	+14 4926	218045	32149	5587.	14477		VAR?	22 59 47	+14 40	88 16	−40 23
8782	83 AQR	− 8 6018	218060	32153	5588.	14479	16497		22 59 57	− 8 14	65 39	−58 12
8783		−17 6661	218061	32154	.				22 59 56	−17 37	49 39	−63 29
8784		+15 4760	218101	32158	5590.	14481			23 0 10	+16 2	89 17	−39 15
8785		+ 0 4963	218103	32162	.	14485			23 0 11	+ 0 46	76 42	−51 47
8786		−80 1064	218108	32194	.				23 0 15	−80 1	308 36	−36 29
8787	θ GRU	−44 15149	218227	32184	5593.	14498	I		23 1 15	−44 4	348 14	−63 17
8788		+17 4866	218235	32178	5594.	14495			23 1 19	+17 59	90 51	−37 43
8789	86 AQR	−24 17497	218240	32182	5595.	14496	16511		23 1 19	−24 17	35 13	−66 9
8790	υ GRU	−39 14936	218242	32186	.	14500	I		23 1 20	−39 26	357 55	−65 15
8791		−50 13885	218255	32189	.				23 1 24	−50 9	337 34	−59 55
8792		+19 5058	218261	32183	.	14497			23 1 34	+19 22	91 46	−36 32
8793		−51 13471	218269	32192	.		IA		23 1 28	−51 14	335 53	−59 14
8794		−74 2054	218288	32213	.				23 1 38	−74 8	312 22	−41 36
8795	55 PEG	+ 8 4997	218329	32196	5596.	14505			23 1 58	+ 8 52	84 36	−45 33
8796	56 PEG	+24 4716	218356	32201	5597.	14508		VAR?	23 2 14	+24 56	95 7	−31 42
8797	1 CAS	+58 2545	218376	32197	.	14506			23 2 23	+58 53	109 57	+ 0 47
8798		+32 4587	218395	32211	.	14516	16519A		23 2 40	+32 17	98 55	−25 9
8799		+20 5278	218396	32209	.	14514			23 2 33	+20 36	92 45	−35 34
8800		+45 4147	218407	32208	.	14512			23 2 43	+45 32	104 43	−13 5

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
8751	23 0 43	+ 5 6	+ 3 1	+32	5.82 R	.	gK4	+0.006	−0.082	.	+ 19	.	.		
8752	23 0 5	+ 4 13	+56 57	+32	4.99	+1.29	G0Ia	−0.005	+0.008	+.000	− 58V?	.	.		
8753	23 0 42	+ 4 46	+31 5	+32	6.33BR	.	A0	+0.027	+0.005	.	+ 1	2.5	3.5		3
8754	23 1 19	+ 5 27	−28 51	+32	5.72 H	.	gK2	+0.062	−0.010	.		.	.		
8755	23 0 35	+ 4 32	+45 22	+32	6.39 R	.	A2	+0.005	+0.003	.	− 4V?	.	.		
8756	23 1 23	+ 5 23	−22 48	+32	6.32 H	.	A2	+0.033	−0.019	.		.	.		
8757	23 1 24	+ 5 12	− 7 4	+32	6.40 H	.	gK5	−0.021	−0.006	.	− 2	.	.		
8758	23 0 55	+ 4 39	+38 42	+32	6.54	−0.11	B3	−0.004	−0.004	.	− 16V	.	.		G
8759	23 1 31	+ 5 10	− 4 43	+32	6.17 H	.	K0	+0.013	+0.014	.		.	.		
8760	23 2 34	+ 5 33	−36 25	+32	6.50 H	.	g?G9	+0.026	−0.034	.003D		3.4	2.8		2
8761	23 1 31	+ 4 14	+57 6	+32	6.36 R	.	K2II	−0.005	−0.005	.	− 6	.	.		
8762	23 1 55	+ 4 36	+42 19	+32	3.63 H	.	B6p	+0.022	−0.002	+.007	− 14V	.	.		
8763	23 2 32	+ 5 11	− 6 35	+32	6.46 H	.	gM2	−0.010	−0.032	.	− 8	.	.		
8764	23 2 44	+ 5 20	−20 52	+32	6.19 H	.	G5	−0.060	−0.115	.		.	.		
8765	23 2 33	+ 4 46	+31 46	+32	6.41 R	.	F0	+0.001	−0.016	.	− 17	.	.		
8766	23 2 36	+ 4 36	+42 45	+32	5.04 R	+0.13	A2	+0.052	−0.004	+.052	+ 2V	3.7	.4		*
8767	23 3 30	+ 5 32	−34 45	+32	5.11	+0.30	F0IV	+0.076	+0.082	+.044	− 14V	.	.		6
8768	23 2 45	+ 4 34	+44 3	+32	6.38	+0.00	B2V	−0.002	−0.001	.	− 8	3.2	7.4		*
8769	23 4 52	+ 6 36	−68 50	+32	5.51	+0.37	F2III	+0.039	+0.069	.	+ 4V	.	.		6
8770	23 2 44	+ 4 19	+55 14	+32	6.38 R	−0.08	B9	+0.006	+0.013	.		3.2	21.8	3	D
8771	23 4 0	+ 5 38	−41 29	+32	5.76 H	.	gK1	+0.001	+0.070	.		.	.		
8772	23 3 57	+ 5 12	− 4 48	+32	6.65 H	.	G0	+0.314	+0.032	.		.	.		
8773	23 3 52	+ 5 5	+ 3 49	+32	4.52	−0.13	B5pe	+0.006	−0.006	.	+ 0	.	.		
8774	23 4 40	+ 5 55	−53 58	+32	5.26 H	.	gK5	+0.051	−0.115	+.007	+ 18V?	.	.		
8775	23 3 47	+ 4 51	+28 5	+33	2.56	+1.66	M2II-III	+0.188	+0.139	+.015	+ 9	7.0	264.2	3	
8776	23 4 1	+ 5 4	+ 6 36	+32	6.25 R	.	F2	−0.003	+0.023	.	+ 4	.	.		
8777	23 3 23	+ 4 8	+60 26	+32	6.51 R	.	B3	+0.006	−0.004	.	− 17V	2.6	34.1		D
8778	23 3 21	+ 4 13	+58 34	+32	6.27 R	.	G5	+0.065	+0.019	.	+ 15	.	.		
8779	23 3 33	+ 3 49	+67 12	+32	5.40 R	.	K3III	+0.023	+0.016	−.004	− 7	.	.		
8780	23 4 11	+ 4 29	+50 3	+33	4.80 R	.	K0III	+0.161	+0.168	−.003	− 35	.	.		
8781	23 4 46	+ 4 59	+15 12	+32	2.49	−0.05	B9.5III	+0.058	−0.041	+.030	− 4V	.	.		
8782	23 5 10	+ 5 13	− 7 42	+32	5.44	+0.31	F2V	+0.123	+0.016	+.018	− 13	.0	.2	3	*
8783	23 5 13	+ 5 17	−17 5	+32	6.34 H	.	K0	−0.029	−0.030	.		.	.		
8784	23 5 6	+ 4 56	+16 34	+32	6.44	+0.83	G8IV	−0.190	−0.193	+.031	− 27	.	.		
8785	23 5 18	+ 5 7	+ 1 18	+32	6.25 R	.	G9III	+0.030	−0.023	.	− 12	.	.		
8786	23 8 24	+ 8 9	−79 29	+32	6.11	+0.14	A3	+0.093	−0.034	.		.	.		
8787	23 6 53	+ 5 38	−43 32	+32	4.27	+0.43	F6IV	−0.044	−0.023	+.012	+ 10	2.5	2.9		2
8788	23 6 17	+ 4 58	+18 31	+32	6.08 R	.	dF4	+0.228	+0.057	+.016	− 12	.	.		*
8789	23 6 41	+ 5 22	−23 45	+32	4.47	+0.90	gG9	+0.063	−0.002	+.020	+ 15	10.0	2.9		
8790	23 6 54	+ 5 34	−38 54	+32	5.60	+0.01	A0V	+0.035	+0.014	.	+ 16V	3.5	1.2		7
8791	23 7 10	+ 5 46	−49 37	+32	6.32 H	.	K0	+0.012	−0.012	.		.	.		
8792	23 6 32	+ 4 58	+19 54	+32	6.30 R	.	dG0	+0.291	+0.002	.	− 5	.	.		
8793	23 7 14	+ 5 46	−50 42	+32	5.82	+0.48	dF7	−0.049	−0.018	.		.7	8.5		3
8794	23 8 35	+ 6 57	−73 36	+32	6.14	+1.42	K0	+0.024	−0.013	.		.	.		
8795	23 7 0	+ 5 2	+ 9 24	+32	4.50	+1.56	M2III	+0.007	−0.012	+.011	− 5	.	.		
8796	23 7 6	+ 4 52	+25 28	+32	4.78	+1.36	K0Ibp	−0.008	−0.030	+.001	− 27	.	.		6
8797	23 6 37	+ 4 14	+59 25	+32	4.87	−0.04	B0.5IV	+0.008	+0.003	.	− 9	.	.		
8798	23 7 27	+ 4 47	+32 49	+32	6.20 H	.	A3V	−0.028	+0.007	.011D	− 1	1.2	8.7		D
8799	23 7 29	+ 4 56	+21 8	+32	5.90 R	.	A5	+0.111	−0.052	.	− 12	.	.		
8800	23 7 18	+ 4 35	+46 4	+32	6.66	−0.05	B2V	+0.001	+0.000	.	− 15V	.	.		*

BS = HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
8801		+52 3371	218416	32205	.	14511			23 2 44	+52 17	107 25	− 6 53
8802		−29 18588	218434	32226	.				23 2 57	−29 22	22 36	−67 13
8803		+58 2546	218440	32210	.	14515			23 2 57	+59 11	110 8	+ 0 32
8804	4 AND	+45 4149	218452	32216	.	14519	16526		23 3 5	+45 51	104 54	−12 49
8805	5 AND	+48 3944	218470	32220	5598.	14521			23 3 13	+48 45	106 5	−10 10
8806		+43 4399	218525	32231	.	14524			23 3 35	+44 1	104 14	−14 32
8807	5 PSC	+ 1 4686	218527	32233	.	14529			23 3 34	+ 1 35	78 36	−51 41
8808		+62 2171	218537	32228	.	14523	16530		23 3 43	+63 6	111 44	+ 3 3
8809		−67 3949	218558	32254	.				23 3 48	−67 24	317 18	−47 20
8810		−81 1024	218559	32286	.				23 3 50	−81 27	307 36	−35 18
8811		+63 1931	218560	32232	.	14526			23 3 53	+63 41	111 58	+ 3 34
8812	88 AQR	−21 6368	218594	32246	5603.	14535			23 4 7	−21 43	41 44	−66 1
8813		−28 18099	218619	32256	.				23 4 20	−28 38	24 33	−67 29
8814		−43 15281	218630	32260	5604.		R7917		23 4 24	−43 24	348 55	−64 6
8815	57 PEG	+ 7 4981	218634	32252	5605.	14537	16550	VAR?	23 4 29	+ 8 8	84 46	−46 30
8816		−15 6360	218639	32261	.				23 4 34	−15 3	55 51	−63 11
8817	89 AQR	−23 17771	218640	32262	.	14541	R7918		23 4 34	−23 0	38 47	−66 31
8818		−41 15163	218655	32264	.				23 4 36	−41 8	353 36	−65 10
8819	33 π CEP	+74 1006	218658	32237	5607.	14530	16538		23 4 43	+74 51	116 25	+13 50
8820	ι GRU	−45 14947	218670	32270	5608.	14544			23 4 42	−45 47	344 17	−62 55
8821	58 PEG	+ 9 5170	218700	32267	.	14543			23 4 59	+ 9 17	85 49	−45 37
8822	2 CAS	+58 2552	218753	32272	.	14545	16556		23 5 27	+58 47	110 16	− 1 2
8823		−30 19460	218759	32285	.				23 5 22	−30 4	20 48	−67 45
8824		+16 4882	218792	32291	.	14550			23 5 44	+17 3	91 26	−39 3
8825	6 AND	+42 4592	218804	32288	5611.	14549			23 5 50	+43 0	104 12	−15 38
8826	59 PEG	+ 7 4991	218918	32302	5612.	14557			23 6 41	+ 8 11	85 28	−46 46
8827	60 PEG	+26 4580	218935	32305	5613.	14559			23 6 58	+26 18	96 57	−30 57
8828		−50 13915	219023	32318	.		I		23 7 34	−50 10	336 16	−60 40
8829		−63 4862	219077	32333	5614.				23 7 57	−63 14	320 26	−49 0
8830	7 AND	+48 3964	219080	32316	5615.	14562			23 7 58	+48 52	106 52	−10 21
8831		+28 4548	219110	32320	.	14564			23 8 13	+28 54	98 31	−28 44
8832		+56 2966	219134	32329	5616.	14566		VAR?	23 8 28	+56 37	109 50	− 3 11
8833		+10 4902	219139	32331	.	14567	16603		23 8 25	+10 31	87 46	−45 1
8834	90 ϕ AQR	− 6 6170	219215	32346	5620.	14572			23 9 9	− 6 35	70 56	−58 44
8835		−41 15197	219263	32357	.	14576			23 9 26	−41 39	351 31	−65 45
8836		−11 6032	219279	32354	.		16618		23 9 28	−11 14	64 5	−61 55
8837		+49 4071	219290	32350	.	14574			23 9 40	+50 4	107 35	− 9 21
8838		+28 4555	219291	32348	.	14573			23 9 30	+29 13	98 57	−28 33
8839		+23 4704	219310	32355	.	14575			23 9 40	+23 34	96 11	−33 41
8840		− 4 5852	219402	32369	.	14583			23 10 25	− 4 2	74 39	−57 5
8841	91 ψ^1 AQR	− 9 6156	219430	32374	5625.	14584	16633A		23 10 39	− 9 38	67 2	−61 6
8842	61 PEG	+27 4521	219477	32375	.	14586			23 10 53	+27 42	98 33	−30 4
8843		−62 6412	219482	32393	.	14593			23 10 57	−62 33	320 38	−51 45
8844		+73 1023	219485	32366	.	14581			23 11 4	+73 41	116 22	+12 36
8845		+23 4712	219487	32380	.	14589			23 11 2	+24 14	96 52	−33 13
8846		−45 14982	219507	32392	.		I		23 11 6	−45 2	344 17	−64 16
8847		−41 15205	219531	32397	.				23 11 19	−41 44	350 57	−66 1
8848	γ TUC	−58 8062	219571	32413	5629.	14599			23 11 36	−58 47	324 18	−54 49
8849		−80 1067	219572	32433	.				23 11 37	−80 1	308 4	−36 43
8850	92 χ AQR	− 8 6076	219576	32401	5630.	14595		χ AQR	23 11 40	− 8 16	69 26	−60 21

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
8801	23 7 10	+ 4 26	+52 49	+32	6.16 R	.	K0III	+0.010	+0.007	.	+ 5	.	.		
8802	23 8 21	+ 5 24	−28 50	+32	5.85 H	.	g?G9	−0.052	−0.031	.		.	.		
8803	23 7 11	+ 4 14	+59 43	+32	6.26 R	.	B2V	+0.003	+0.003	.	− 5V	.	.		R
8804	23 7 39	+ 4 34	+46 23	+32	5.33	+1.41	K5III	−0.017	−0.030	.	− 6	6.4	48.3		G
8805	23 7 46	+ 4 33	+49 18	+33	5.73 R	.	F5V	+0.148	+0.132	+.020	− 2	.	.		
8806	23 8 12	+ 4 37	+44 33	+32	6.34 R	.	A0	+0.020	−0.004	.	+ 2	.	.		
8807	23 8 41	+ 5 7	+ 2 8	+33	5.46 R	.	G8IV	+0.139	+0.110	.	− 18	.	.		
8808	23 7 48	+ 4 5	+63 38	+32	6.27	−0.03	B3V	+0.001	+0.000	.006D	− 36	.5	.3		2
8809	23 10 11	+ 6 23	−66 51	+33	6.46	+0.95	G5	+0.202	+0.037	.		.	.		
8810	23 12 12	+ 8 22	−80 54	+33	6.40	+1.50	K2	+0.027	−0.007	.		.	.		
8811	23 7 57	+ 4 4	+64 13	+32	6.18 R	.	K0	+0.007	+0.003	.	− 28	.	.		
8812	23 9 27	+ 5 20	−21 10	+33	3.68	+1.22	K0III	+0.053	+0.037	+.005	+ 21	.	.		
8813	23 9 44	+ 5 24	−28 5	+33	6.06 H	.	K0	+0.022	+0.009	.		.	.		
8814	23 9 57	+ 5 33	−42 51	+33	5.80	+0.48	F6V	−0.331	−0.006	+.034	+ 12	3.7	.9		
8815	23 9 32	+ 5 3	+ 8 41	+33	5.24 R	.	gM4	−0.001	+0.006	+.003	+ 14	4.6	32.9		
8816	23 9 50	+ 5 16	−14 31	+32	6.23 H	.	A0	+0.067	−0.015	.		.	.		
8817	23 9 54	+ 5 20	−22 27	+33	4.70	+0.66	sgG2+A2	+0.022	−0.007	.	− 5	.9	.6		
8818	23 10 10	+ 5 34	−40 36	+32	6.04 H	.	gM3	+0.029	−0.045	.		.	.		
8819	23 7 54	+ 3 11	+75 23	+32	4.46 R	.	G2III	+0.010	−0.025	+.002	− 19V	2.3	1.2	3	*
8820	23 10 21	+ 5 39	−45 15	+32	3.89	+1.02	K0III	+0.131	−0.029	+.023	− 4V	.	.		R
8821	23 10 1	+ 5 2	+ 9 50	+33	5.32 R	−0.08	B8	−0.018	−0.008	.	+ 9	.	.		G
8822	23 9 44	+ 4 17	+59 20	+33	5.77	+0.33	dA9	−0.005	+0.011	.	− 12	2.2	167.4	4	
8823	23 10 46	+ 5 24	−29 32	+32	6.49 H	.	gF0	−0.039	−0.057	.		.	.		
8824	23 10 42	+ 4 58	+17 36	+33	5.68 R	.	gK4	+0.017	−0.028	.	+ 2	.	.		
8825	23 10 27	+ 4 37	+43 32	+32	5.95	+0.44	F5IV	−0.197	−0.188	+.025	− 43	.	.		
8826	23 11 44	+ 5 3	+ 8 44	+33	5.08 R	.	A2V	−0.012	−0.006	+.023	+ 10	.	.		
8827	23 11 49	+ 4 51	+26 50	+32	6.22 R	.	K0IV	−0.194	−0.118	+.024	− 10	.	.		G
8828	23 13 15	+ 5 41	−49 37	+33	6.61 H	.	G5	−0.004	−0.016	.		1.5	1.4		
8829	23 14 7	+ 6 10	−62 42	+32	6.11	+0.79	G5IV	+0.472	−0.426	+.025	− 26	.	.		
8830	23 12 33	+ 4 35	+49 25	+33	4.49	+0.3	F0V	+0.089	+0.098	+.046	+ 13V	.	.		6
8831	23 13 4	+ 4 51	+29 27	+33	6.21 R	.	K0	−0.034	−0.032	.	+ 4	.	.		
8832	23 13 17	+ 4 49	+57 10	+33	5.57	+1.01	K3V	+2.072	+0.299	+.152	− 18	.	.		
8833	23 13 27	+ 5 2	+11 4	+33	5.77 R	.	gG5	−0.016	+0.006	.	+ 16	3.3	34.7		
8834	23 14 20	+ 5 11	− 6 3	+32	4.22	+1.56	M2III	+0.033	−0.192	+.007	− 0	.	.		
8835	23 14 59	+ 5 33	−41 7	+32	5.76	+1.18	K2III	+0.109	−0.115	.	+ 26V	.	.		
8836	23 14 41	+ 5 13	−10 41	+33	6.35 H	.	K5	−0.007	−0.030	.		4.5	3.4		3
8837	23 14 14	+ 4 34	+50 37	+33	6.23 R	.	A0	+0.034	−0.006	.	− 14	.	.		
8838	23 14 22	+ 4 52	+29 46	+33	6.36 R	.	F5	−0.010	−0.012	.	+ 9	.	.		
8839	23 14 36	+ 4 56	+24 7	+33	6.34 R	.	K1	+0.110	+0.008	.	− 27	.	.		
8840	23 15 34	+ 5 9	− 3 29	+33	5.53	+0.07	A2	−0.018	+0.002	.	+ 11V	.	.		6
8841	23 15 53	+ 5 14	− 9 5	+33	4.22	+1.10	K0III	+0.369	−0.011	+.043	− 25	4.0	49.7	5	*
8842	23 15 46	+ 4 53	+28 15	+33	6.33 R	.	gK3	+0.012	−0.003	.	+ 4	.	.		
8843	23 16 58	+ 6 1	−62 0	+33	5.64	+0.50	F8V	+0.170	−0.030	.	− 9	.	.		
8844	23 14 38	+ 3 34	+74 14	+33	5.83 R	.	A0	+0.048	+0.010	.	− 3	.	.		
8845	23 15 58	+ 4 56	+24 47	+33	6.43 R	.	F2	+0.089	+0.006	.	+ 5	.	.		
8846	23 16 40	+ 5 34	−44 29	+33	5.87 H	.	gK0	−0.010	−0.007	.		4.6	23.1		
8847	23 16 50	+ 5 31	−41 11	+33	6.46	+1.08	gK0	−0.029	+0.015	.		.	.		
8848	23 17 26	+ 5 50	−58 14	+33	3.98	+0.40	F0III	−0.031	+0.084	+.035	+ 18	.	.		
8849	23 19 8	+ 7 31	−79 28	+33	6.32	+0.91	K0	+0.030	+0.010	.		.	.		
8850	23 16 51	+ 5 11	− 7 43	+33	5.04	+1.57	gM5	−0.022	−0.010	+.009	− 15	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
8851		+70 1311	219586	32388	.	14590			23 11 46	+70 21	115 11	+ 9 28
8852	6 γ PSC	+ 2 4648	219615	32415	5632.	14600			23 11 59	+ 2 44	82 26	−52 1
8853		+52 3410	219623	32409	5633.	14597			23 12 9	+52 40	108 54	− 7 4
8854		+61 2413	219634	32403	.	14596			23 12 9	+61 25	112 1	+ 1 7
8855		−68 3567	219644	32426	.				23 12 9	−68 1	315 50	−47 15
8856		−12 6461	219659	32421	.			VAR?	23 12 27	−12 16	63 21	−63 8
8857		+44 4368	219668	32418	.	14602			23 12 34	+44 37	106 0	−14 36
8858	93 ψ^2 AQR	− 9 6160	219688	32429	.	14607			23 12 42	− 9 44	67 35	−61 33
8859	ϕ GRU	−41 15211	219693	32431	.	14609			23 12 39	−41 22	351 27	−66 25
8860	8 AND	+48 3991	219734	32432	5637.	14610	16656	VAR?	23 13 6	+48 28	107 31	−11 2
8861		+44 4373	219749	32437	.			VAR?	23 13 14	+44 57	106 15	−14 20
8862	τ OCT	−88 204	219765	32558	.				23 13 9	−88 2	303 58	−29 28
8863	γ SCL	−33 16476	219784	32450	5638.	14618			23 13 26	−33 5	12 14	−69 14
8864	9 AN AND	+40 5043	219815	32447	.	14617		AN AND	23 13 39	+41 14	104 54	−17 49
8865	95 ψ^3 AQR	−10 6094	219832	32459	5641.	14621	16671	VAR?	23 13 46	−10 9	67 18	−62 1
8866	94 AQR	−14 6448	219834	32462	5642.	14623	16672A		23 13 51	−14 0	60 41	−64 27
8867		+74 1016	219841	32436	.	14612			23 13 47	+74 45	116 57	+13 31
8868	96 AQR	− 5 5966	219877	32468	.	14627	16676		23 14 13	− 5 40	73 55	−58 56
8869		−18 6283	219879	32467	.	14626			23 14 8	−18 37	51 13	−66 57
8870		+44 4378	219891	32465	.	14625			23 14 19	+44 35	106 18	−14 44
8871		−34 15985	219912	32472	.		I		23 14 19	−34 15	8 54	−69 12
8872	34 o CEP	+67 1514	219916	32463	5643.	14624	16666	VAR?	23 14 31	+67 34	114 25	+ 6 47
8873		+34 4899	219927	32473	.	14628			23 14 37	+34 15	102 18	−24 22
8874	11 AND	+47 4110	219945	32476	5644.	14629			23 14 50	+48 5	107 39	−11 30
8875		+47 4114	219962	32482	5645.	14631			23 15 0	+47 50	107 36	−11 45
8876	10 AND	+41 4752	219981	32485	.	14634			23 15 7	+41 32	105 17	−17 38
8877		−50 13948	220003	32498	.		R7952AB		23 15 13	−50 51	333 32	−61 5
8878	7 PSC	+ 4 4997	220009	32491	5648.	14639			23 15 15	+ 4 50	85 24	−50 44
8879		− 6 6191	220035	32500	.				23 15 32	− 6 27	73 21	−59 44
8880	62 τ PEG	+22 4810	220061	32503	5649.	14645			23 15 41	+23 12	97 30	−34 36
8881		+61 2427	220074	32499	.	14643			23 15 52	+61 26	112 26	+ 0 59
8882	63 PEG	+29 4908	220088	32507	.	14648			23 15 56	+29 52	100 43	−28 31
8883		−27 16284	220096	32511	.				23 15 56	−27 32	28 8	−69 56
8884		+43 4440	220105	32506	.	14647	16685		23 16 0	+43 34	106 13	−15 48
8885	12 AND	+37 4817	220117	32510	.	14651			23 16 4	+37 38	103 58	−21 20
8886		+61 2428	220130	32508	.	14649	16690		23 16 12	+61 40	112 33	+ 1 11
8887	64 PEG	+31 4897	220222	32522	5654.	14659	16702		23 17 2	+31 16	101 34	−27 19
8888		+25 4924	220242	32524	.	14660			23 17 3	+26 4	99 15	−32 7
8889		−60 7654	220263	32534	.				23 17 8	−60 36	321 29	−53 46
8890	97 AQR	−15 6406	220278	32531	5655.	14662	16708		23 17 25	−15 35	58 46	−66 4
8891	65 PEG	+20 5317	220318	32535	.	14664			23 17 42	+20 17	96 31	−37 27
8892	98 AQR	−20 6587	220321	32540	5656.	14668			23 17 43	−20 39	47 19	−68 35
8893	66 PEG	+11 4993	220363	32543	5659.	14670	16715		23 18 2	+11 46	91 33	−45 6
8894		+59 2710	220369	32538	.	14667			23 18 5	+59 35	112 4	+ 0 51
8895		−54 10281	220392	32551	.		I		23 18 15	−54 22	328 6	−58 49
8896		−43 15360	220401	32548	.				23 18 16	−43 40	345 14	−66 6
8897		− 0 4509	220406	32547	.				23 18 24	− 0 16	81 42	−55 23
8898		−52 12150	220440	32559	.				23 18 37	−52 26	330 31	−60 19
8899		+31 4901	220460	32557	5662.	14674			23 18 52	+31 59	102 17	−26 48
8900		−19 6450	220465	32561	.				23 18 51	−19 14	51 7	−68 13

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
8851	23 15 37	+ 3 51	+70 54	+33	5.55 R	.	A3	+0.016	+0.008	.	+ 12V	.	.		6
8852	23 17 10	+ 5 11	+ 3 17	+33	3.69	+0.92	G7III	+0.756	+0.022	+.025	− 14	.	.		
8853	23 16 43	+ 4 34	+53 12	+32	5.55 R	.	dF7	+0.111	−0.237	+.036	− 25	.	.		
8854	23 16 27	+ 4 18	+61 58	+33	6.47 R	.	B8	−0.028	+0.002	.	− 8V	.	.		6
8855	23 18 20	+ 6 11	−67 28	+33	6.12	+1.35	K0	+0.014	+0.018	.		.	.		
8856	23 17 40	+ 5 13	−11 43	+33	6.36 H	.	A0	+0.032	+0.001	.		.	.		
8857	23 17 16	+ 4 42	+45 10	+33	6.40 R	.	sgK0	+0.094	−0.064	.	− 38	.	.		
8858	23 17 54	+ 5 12	− 9 11	+33	4.39	−0.15	B5V	+0.015	−0.007	.	− 6V?	.	.		
8859	23 18 10	+ 5 31	−40 49	+33	5.53	+0.44	dF6	+0.130	−0.127	.	+ 14	.	.		
8860	23 17 44	+ 4 38	+49 1	+33	4.84BR	.	gM2	+0.034	+0.009	+.012	− 8	8.0	7.7		3
8861	23 17 56	+ 4 42	+45 30	+33	6.27 R	−0.04	A p	+0.030	−0.016	.		.	.		
8862	23 28 3	+ 14 54	−87 29	+33	5.48	+1.27	K2III	+0.016	+0.013	.	+ 31	.	.		
8863	23 18 50	+ 5 24	−32 32	+33	4.41	+1.12	G8III	+0.018	−0.066	+.037	+ 16	.	.		
8864	23 18 24	+ 4 45	+41 47	+33	5.9 H	.	A3	−0.009	−0.011	.	− 4V	.	.		R
8865	23 18 58	+ 5 12	− 9 36	+33	4.98	−0.02	A0V	+0.040	+0.003	+.008	− 10	6.0	1.2		*
8866	23 19 6	+ 5 15	−13 27	+33	5.07	+0.80	G5IV-V	+0.293	−0.098	+.033	+ 10V	2.0	14.4		*
8867	23 17 19	+ 3 32	+75 18	+33	6.38 R	.	A2	+0.022	+0.006	.	− 8	.	.		
8868	23 19 24	+ 5 11	− 5 7	+33	5.55	+0.40	F2	+0.196	−0.016	.	− 9V	4.9	10.4		*
8869	23 19 24	+ 5 16	−18 4	+33	6.08 H	.	gK3	−0.013	+0.022	.	+ 5	.	.		
8870	23 19 2	+ 4 43	+45 8	+33	6.40 R	.	A2	+0.055	+0.007	.	+ 7	.	.		
8871	23 19 43	+ 5 24	−33 42	+33	6.36	+1.30	gK2	+0.041	−0.040	.		6.0	43.8		
8872	23 18 38	+ 4 7	+68 7	+33	4.78 R	.	K0III	+0.058	+0.020	+.023	− 18	2.6	3.5		D
8873	23 19 27	+ 4 50	+34 48	+33	6.09 R	−0.09	B5IV	+0.014	−0.004	.	− 1	.	.		
8874	23 19 30	+ 4 40	+48 38	+33	5.28 R	.	K0III	+0.015	+0.056	+.018	+ 11	.	.		
8875	23 19 42	+ 4 42	+48 23	+33	6.32	+1.12	K2III	+0.205	+0.032	−.004	+ 23	.	.		
8876	23 19 53	+ 4 46	+42 5	+33	5.77 R	.	gM0	+0.037	+0.011	.	+ 3	.	.		
8877	23 20 50	+ 5 37	−50 18	+33	6.20 H	.	A m	+0.023	−0.075	.		3.8	.6	3	D
8878	23 20 21	+ 5 6	+ 5 23	+33	5.07 R	.	K2III	+0.076	−0.058	+.009	+ 38	.	.		
8879	23 20 41	+ 5 9	− 5 54	+33	6.30 H	.	G5	−0.107	−0.053	.		.	.		
8880	23 20 38	+ 4 57	+23 45	+33	4.62 R	.	A5IV	+0.028	−0.008	+.034	+ 16	.	.		
8881	23 20 14	+ 4 22	+61 59	+33	6.44 R	.	K5	+0.002	−0.009	.	− 35	.	.		
8882	23 20 50	+ 4 54	+30 25	+33	5.65 R	.	gM0	+0.078	−0.068	.	− 19V?	.	.		
8883	23 21 16	+ 5 20	−26 59	+33	5.62	+0.82	K0III	−0.021	−0.025	.	+ 13	.	.		
8884	23 20 44	+ 4 44	+44 7	+33	6.11 R	.	A3	−0.019	−0.026	.	− 2	3.5	13.3		3
8885	23 20 54	+ 4 50	+38 11	+33	5.66 R	.	dF5	+0.116	−0.066	.	− 9	.	.		
8886	23 20 34	+ 4 22	+62 13	+33	6.37 R	.	K2III	+0.002	−0.001	.	− 23	5.2	12.8		
8887	23 21 55	+ 4 53	+31 49	+33	5.34 R	−0.11	B3V	+0.001	−0.010	−.003	+ 2	3.7	.5		2
8888	23 21 58	+ 4 55	+26 37	+33	6.51 R	.	F2	−0.102	−0.072	.	+ 10	.	.		
8889	23 22 57	+ 5 49	−60 3	+33	6.08	+1.60	M1	+0.089	−0.008	.		.	.		
8890	23 22 39	+ 5 14	−15 2	+33	5.20	+0.21	A3	+0.107	+0.022	+.016	− 12	1.3	.4		*
8891	23 22 41	+ 4 59	+20 50	+33	6.19 R	−0.05	B9.5IV	+0.015	−0.016	.	− 14V	.	.		6
8892	23 22 58	+ 5 15	−20 6	+33	3.95	+1.10	K0III	−0.128	−0.092	+.029	− 7	.	.		
8893	23 23 5	+ 5 3	+12 19	+33	5.12 R	.	K3III	+0.022	−0.014	−.002	− 4	.0	.3		2
8894	23 22 33	+ 4 28	+60 8	+33	5.55	+1.69	gK5	+0.004	−0.002	.	− 12	.	.		
8895	23 23 54	+ 5 39	−53 49	+33	6.48 H	.	A5	+0.056	−0.027	.		.9	27.1		D
8896	23 23 45	+ 5 29	−43 7	+33	6.09	+1.46	K0	+0.010	+0.011	.		.	.		
8897	23 23 32	+ 5 8	+ 0 17	+33	6.53 H	.	K2	+0.063	+0.014	.		.	.		
8898	23 24 13	+ 5 36	−51 53	+33	5.70 H	.	gK5	+0.000	−0.039	.		.	.		
8899	23 23 47	+ 4 55	+32 32	+33	6.44 R	.	F5	+0.228	+0.039	+.007	+ 10	.	.		
8900	23 24 7	+ 5 16	−18 41	+33	6.32 H	.	G5	+0.146	+0.074	.	− 19	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
8901		−57 10268	220572	32579	.	14688			23 19 37	−57 24	324 18	−56 33
8902		+40 5068	220575	32574	.	14683			23 19 46	+40 34	105 48	−18 51
8903	67 PEG	+31 4904	220599	32577	5666.	14687			23 19 57	+31 50	102 27	−27 2
8904	4 CAS	+61 2444	220652	32582	5669.	14689			23 20 24	+61 44	113 3	+ 1 5
8905	68 υ PEG	+22 4833	220657	32585	5670.	14690			23 20 23	+22 51	98 32	−35 22
8906	99 AQR	−21 6420	220704	32594	5671.	14694			23 20 48	−21 11	46 44	−69 27
8907	o GRU	−53 10461	220729	32603	.	14699			23 21 1	−53 17	328 51	−59 54
8908		−67 3964	220759	32615	.				23 21 12	−67 8	315 23	−48 27
8909		−59 7890	220790	32624	.	14708			23 21 33	−59 2	322 14	−55 22
8910		−50 13976	220802	32621	.	14707			23 21 36	−50 42	332 14	−61 54
8911	8 κ PSC	+ 0 4998	220825	32620	5677.	14706		VAR?	23 21 48	+ 0 42	83 53	−55 5
8912	9 PSC	+ 0 4999	220858	32628	.	14712		VAR?	23 22 7	+ 0 34	83 52	−55 14
8913	13 AND	+42 4672	220885	32629	.	14713			23 22 18	+42 22	106 54	−17 19
8914		−36 15895	220929	32643	.				23 22 39	−36 6	2 24	−70 20
8915	69 PEG	+24 4778	220933	32640	.	14717			23 22 42	+24 37	99 58	−33 57
8916	10 θ PSC	+ 5 5173	220954	32647	5682.	14720			23 22 54	+ 5 50	88 48	−50 53
8917		−12 6496	220957	32648	.				23 22 53	−12 0	67 34	−64 55
8918		+69 1332	220974	32639	5683.	14716			23 23 3	+69 49	115 55	+ 8 39
8919		−63 4891	221006	32657	.	14723			23 23 14	−63 40	317 46	−51 34
8920		−45 15043	221051	32660	.				23 23 34	−45 3	341 6	−66 1
8921		−10 6120	221081	32662	.				23 23 50	− 9 49	71 34	−63 35
8922		+22 4844	221113	32666	.	14726			23 24 7	+22 31	99 21	−36 1
8923	70 PEG	+11 5009	221115	32667	5686.	14727			23 24 6	+12 13	93 43	−45 23
8924		− 5 5999	221148	32673	5688.	14731		VAR?	23 24 22	− 5 5	78 27	−60 8
8925		+48 4070	221246	32684	.	14738			23 25 21	+48 35	109 30	−11 37
8926	AR CAS	+57 2748	221253	32683	.	14737	16795	AR CAS	23 25 25	+58 0	112 28	− 2 40
8927		+37 4856	221293	32692	.	14742			23 25 47	+38 7	106 5	−21 33
8928		− 7 6036	221308	32695	.				23 25 52	− 6 50	76 46	−61 43
8929		−45 15055	221323	32702	.				23 26 1	−45 24	339 46	−66 8
8930	14 AND	+38 5023	221345	32703	5691.	14746			23 26 22	+38 41	106 24	−21 3
8931		− 4 5896	221356	32708	5692.	14748			23 26 22	− 4 38	79 48	−60 5
8932	100 AQR	−22 6141	221357	32714	.	14750			23 26 28	−21 55	46 12	−70 57
8933		+27 4568	221394	32719	.	14754			23 26 46	+27 51	102 23	−31 16
8934	13 PSC	− 1 4450	221409	32724	.	14756			23 26 50	− 1 38	83 24	−57 43
8935		−78 1473	221420	32742	.				23 26 52	−77 56	308 19	−38 55
8936		+34 4948	221491	32738	.	14762			23 27 29	+34 24	105 6	−25 10
8937	β SCL	−38 15527	221507	32744	.	14765			23 27 37	−38 22	355 3	−70 21
8938		+86 344	221525	32680	.	14736			23 27 49	+86 45	121 52	+24 36
8939	101 AQR	−21 6437	221565	32750	5696.	14768			23 28 3	−21 28	47 54	−71 7
8940	71 PEG	+21 4952	221615	32759	.	14770		VAR?	23 28 28	+21 57	100 15	−36 55
8941		+44 4441	221661	32766	.	14776			23 28 52	+44 30	108 48	−15 41
8942		+20 5352	221662	32771	.	14779			23 28 54	+20 17	99 35	−38 30
8943	72 PEG	+30 4978	221673	32772	5698.	14780	16836		23 28 59	+30 46	104 4	−28 42
8944	14 PSC	− 2 5986	221675	32774	.	14781			23 29 0	− 1 48	84 4	−58 10
8945												
8946		−16 6314	221745	32781	.				23 29 37	−15 48	62 44	−68 35
8947	15 AND	+39 5114	221756	32780	5702.	14785			23 29 44	+39 41	107 24	−20 19
8948	73 PEG	+32 4667	221758	32779	.	14784			23 29 41	+32 57	105 3	−26 41
8949	ι PHE	−43 15420	221760	32787	5703.	14787	I	VAR?	23 29 42	−43 10	343 5	−68 4
8950		+37 4866	221776	32784	.	14786	16843		23 29 52	+37 28	106 41	−22 26

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
8901	23 25 19	+ 5 42	−56 51	+33	5.61 H	.	gK2	+0.078	−0.023	.	− 19	.	.		G
8902	23 24 34	+ 4 48	+41 7	+33	6.43 R	.	A0	−0.012	−0.008	.	− 3V?	.	.		6
8903	23 24 51	+ 4 54	+32 23	+33	5.41 R	−0.12	B9III	+0.009	−0.001	+.000	+ 18	.	.		
8904	23 24 51	+ 4 27	+62 17	+33	5.08 R	.	M1III	+0.008	−0.008	+.009	− 37	.	.		
8905	23 25 22	+ 4 59	+23 24	+33	4.51 R	.	F8IV	+0.188	+0.037	+.028	− 11	.	.		G
8906	23 26 3	+ 5 15	−20 38	+33	4.40	+1.46	K5III	−0.055	−0.056	+.002	+ 16	.	.		G
8907	23 26 37	+ 5 36	−52 44	+33	5.54 H	.	F3IV	+0.027	+0.122	.	+ 18V	.	.		6
8908	23 27 7	+ 5 55	−66 35	+33	6.44	+1.47	K0	−0.041	−0.024	.		.	.		
8909	23 27 15	+ 5 42	−58 29	+33	5.62	+0.98	gG8	+0.039	+0.075	.	− 11	.	.		
8910	23 27 9	+ 5 33	−50 9	+33	6.19	−0.08	B9	+0.023	+0.007	.	− 1	.	.		
8911	23 26 56	+ 5 8	+ 1 15	+33	4.95	+0.04	A p	+0.084	−0.093	+.036	− 3	.	.		
8912	23 27 14	+ 5 7	+ 1 7	+33	6.32 R	.	gG7	+0.039	−0.031	.	− 7	.	.		6
8913	23 27 7	+ 4 49	+42 55	+33	5.59 R	+0.00	B9	+0.088	+0.016	.	− 9V	.	.		*
8914	23 28 1	+ 5 22	−35 33	+33	6.31	+1.20	K2	−0.001	+0.005	.		.	.		
8915	23 27 40	+ 4 58	+25 10	+33	5.82 R	−0.06	A0III	+0.022	−0.039	.	− 16	.	.		
8916	23 27 58	+ 5 4	+ 6 23	+33	4.27	+1.08	K1III	−0.127	−0.043	+.014	+ 6	.	.		
8917	23 28 5	+ 5 12	−11 27	+33	6.48 H	.	G0	+0.097	−0.019	.		.	.		
8918	23 27 17	+ 4 14	+70 22	+33	5.50 R	.	A2	+0.118	−0.001	+.021	− 3V	.	.		R
8919	23 29 1	+ 5 47	−63 7	+33	5.66	−0.18	A0si	+0.038	−0.009	.	+ 15	.	.		
8920	23 29 1	+ 5 27	−44 30	+33	6.42	+1.18	gK1	+0.031	−0.011	.		.	.		
8921	23 29 0	+ 5 10	− 9 16	+33	6.17	+1.44	K0	−0.056	−0.021	.		.	.		
8922	23 29 6	+ 4 59	+23 4	+33	6.32 R	.	G9III	−0.043	−0.093	.	+ 20	.	.		
8923	23 29 9	+ 5 3	+12 46	+33	4.53 R	.	G8III	+0.057	+0.033	+.009	− 15	.	.		
8924	23 29 32	+ 5 10	− 4 32	+33	6.25	+1.10	K3III	+0.176	−0.225	+.016	− 25	.	.		
8925	23 30 7	+ 4 46	+49 8	+33	6.12	+1.46	K5III	+0.031	−0.003	.	+ 6	.	.		
8926	23 30 2	+ 4 37	+58 33	+33	4.84	−0.11	B3V	+0.018	+0.007	.006D	− 16V	1.7	77.4	8	*
8927	23 30 40	+ 4 53	+38 40	+33	6.00 R	.	K0	+0.038	+0.012	.	− 9	.	.		
8928	23 31 1	+ 5 9	− 6 17	+33	6.38	+1.26	K0	−0.019	−0.031	.		.	.		
8929	23 31 27	+ 5 26	−44 51	+33	6.01	+1.01	K0III	+0.031	−0.019	.	+ 8	.	.		
8930	23 31 17	+ 4 55	+39 14	+33	5.22	+1.02	G8III	+0.285	−0.079	+.014	− 59	.	.		
8931	23 31 32	+ 5 10	− 4 5	+33	6.50 H	.	dG0	+0.169	−0.185	+.041	− 11	.	.		
8932	23 31 42	+ 5 14	−21 22	+33	6.24 H	.	A7n	−0.006	+0.005	.	− 8	.	.		6
8933	23 31 44	+ 4 58	+28 24	+33	6.23 R	+0.12	A0si	−0.029	−0.007	.	− 6V	.	.		
8934	23 31 58	+ 5 8	− 1 5	+33	6.46 H	.	gK1	+0.006	+0.021	.	− 23	.	.		
8935	23 33 19	+ 6 27	−77 23	+33	5.80	+0.68	K0	+0.015	+0.006	.	+ 26	.	.		
8936	23 32 24	+ 4 55	+34 57	+33	6.50 R	.	A0	−0.010	−0.007	.	+ 12	.	.		
8937	23 32 59	+ 5 22	−37 49	+33	4.37	−0.10	A p	+0.083	+0.017	.	+ 2	.	.		
8938	23 27 2	− 0 47	+87 18	+33	5.54	+0.22	F0III	+0.079	+0.020	.	− 11	.	.		
8939	23 33 17	+ 5 14	−20 55	+33	4.68	+0.02	A1	−0.010	+0.017	−.004	+ 15	2.3	.9		7
8940	23 33 28	+ 5 0	+22 30	+33	5.34 R	.	gM5	+0.007	−0.018	.	+ 3	.	.		
8941	23 33 42	+ 4 50	+45 3	+33	6.15 R	.	G5	−0.033	+0.011	.	+ 7	.	.		
8942	23 33 55	+ 5 1	+20 50	+33	6.08 R	.	gM3	−0.008	−0.021	.	+ 5	.	.		
8943	23 33 57	+ 4 58	+31 19	+33	5.04 R	.	K4III	+0.049	−0.014	+.006	− 24	.0	.5		D
8944	23 34 8	+ 5 8	− 1 15	+33	5.98 H	.	A3m?	+0.102	−0.007	.	− 3	.	.		G
8945															
8946	23 34 49	+ 5 12	−15 15	+33	6.15 H	.	K0	+0.046	−0.075	.		.	.		
8947	23 34 38	+ 4 54	+40 14	+33	5.58	+0.09	A2III	−0.021	−0.042	+.011	+ 13	.	.		G
8948	23 34 38	+ 4 57	+33 30	+33	5.56 R	.	gK0	−0.005	+0.022	.	− 3	.	.		
8949	23 35 5	+ 5 23	−42 37	+33	4.70	+0.08	A p	+0.040	−0.001	+.000	+ 19V	9.0	6.6		
8950	23 34 47	+ 4 55	+38 1	+33	6.19 R	.	K5	+0.002	+0.010	.	− 12	5.5	21.8		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
8951		− 8 6142	221835	32799	.	14793			23 30 23	− 8 1	76 58	−63 21
8952		+70 1327	221861	32793	.	14790			23 30 38	+71 5	116 55	+ 9 39
8953		+23 4769	221905	32814	.	14798			23 30 56	+24 0	101 49	−35 12
8954	16 PSC	+ 1 4744	221950	32818	.	14800			23 31 17	+ 1 33	88 13	−55 38
8955		+32 4671	221970	32821	.	14801			23 31 33	+32 21	105 15	−27 23
8956		−32 17593	222004	32823	.		I		23 31 48	−32 25	12 8	−73 9
8957		−77 1583	222060	32840	.				23 32 10	−77 25	308 14	−39 30
8958		−13 6439	222093	32830	.	14806	16878		23 32 28	−13 37	68 27	−67 44
8959		−46 14720	222095	32836	5714.	14810			23 32 28	−46 3	336 40	−66 30
8960	74 PEG	+16 4954	222098	32833	.	14809			23 32 36	+16 16	98 39	−42 33
8961	16 λ AND	+45 4283	222107	32832	5716.	14808		λ AND	23 32 40	+45 55	109 54	−14 32
8962		+43 4508	222109	32831	.	14807	16877		23 32 39	+43 53	109 17	−16 28
8963	75 PEG	+17 4952	222133	32842	.	14811	B		23 32 54	+17 51	99 32	−41 7
8964		+45 4288	222143	32845	5718.	14812			23 33 2	+45 39	109 53	−14 48
8965	17 ι AND	+42 4720	222173	32850	5719.	14813		VAR?	23 33 14	+42 43	109 2	−17 37
8966		−47 14651	222287	32866	.		IA		23 34 6	−47 12	334 12	−65 52
8967	18 AND	+49 4180	222304	32864	.	14821			23 34 17	+49 55	111 20	−10 46
8968	102 ω^1 AQR	−15 6471	222345	32873	5722.	14825			23 34 36	−14 47	67 0	−68 54
8969	17 ι PSC	+ 4 5035	222368	32879	5724.	14828			23 34 48	+ 5 5	92 26	−52 57
8970		+ 8 5095	222377	32878	.	14827			23 34 49	+ 9 7	95 15	−49 19
8971		+74 1032	222386	32869	.	14823			23 34 53	+74 44	118 18	+13 4
8972		+73 1047	222387	32872	.	14824			23 35 0	+73 27	117 56	+11 50
8973		+36 5098	222399	32882	.	14832	16913		23 35 6	+37 6	107 38	−23 6
8974	35 γ CEP	+76 928	222404	32875	5725.	14826		VAR?	23 35 14	+77 4	118 59	+15 18
8975	μ SCL	−32 17621	222433	32888	.	14836		VAR?	23 35 23	−32 38	10 49	−73 51
8976	19 κ AND	+43 4522	222439	32886	5728.	14835	16916		23 35 29	+43 47	109 46	−16 43
8977		+35 5074	222451	32892	.	14838			23 35 41	+36 10	107 27	−24 1
8978		−24 17796	222485	32897	.				23 35 54	−24 43	39 36	−73 53
8979		−12 6535	222493	32898	.	14839			23 35 58	−12 14	72 36	−67 24
8980	103 AQR	−18 6357	222547	32908	.	14843			23 36 23	−18 35	58 44	−71 30
8981		+48 4127	222570	32909	.	14845			23 36 34	+48 58	111 26	−11 47
8982	104 AQR	−18 6358	222574	32911	5731.	14847		VAR?	23 36 34	−18 22	59 23	−71 26
8983		+ 6 5183	222602	32914	.	14849		VAR?	23 36 51	+ 6 42	94 21	−51 43
8984	18 λ PSC	+ 0 5037	222603	32917	5734.	14851			23 36 57	+ 1 14	90 8	−56 36
8985		+56 3067	222618	32916	.	14850			23 37 5	+56 42	113 36	− 4 21
8986		+44 4473	222641	32924	.	14853			23 37 19	+44 26	110 17	−16 11
8987		−16 6345	222643	32925	5739.	14854			23 37 17	−16 0	65 30	−70 10
8988	105 ω^2 AQR	−15 6476	222661	32931	5740.	14857	16944		23 37 32	−15 6	67 37	−69 38
8989		+63 2038	222670	32927	.	14855	16940		23 37 38	+63 58	115 35	+ 2 38
8990		+60 2609	222682	32930	.	14856			23 37 45	+61 7	114 51	+ 0 7
8991	77 PEG	+ 9 5268	222764	32945	5742.	14859		VAR?	23 38 17	+ 9 47	96 51	−49 4
8992	R AQR	−16 6352	222800	32948	.	14862		R AQR	23 38 39	−15 50	66 30	−70 19
8993		−45 15114	222803	32951	5745.				23 38 39	−45 38	335 25	−67 33
8994		−71 2771	222805	32957	5747.				23 38 42	−71 3	310 51	−45 35
8995		−79 1239	222806	32960	.				23 38 36	−79 21	306 59	−37 48
8996		−65 4159	222820	32953	5746.				23 38 42	−64 58	314 26	−51 11
8997	78 PEG	+28 4627	222842	32954	5748.	14864	16957		23 38 58	+28 48	105 43	−31 15
8998	106 AQR	−19 6500	222847	32958	.	14865			23 39 1	−18 50	59 8	−72 10
8999		−26 16762	222872	32962	.		16963		23 39 17	−26 48	32 29	−75 1
9000		+55 3010	222932	32971	5749.	14871			23 39 56	+55 15	113 36	− 5 52

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
8951	23 35 32	+ 5 9	− 7 28	+33	6.51 H	.	gG5	−0.004	+0.025	.	+ 5	.	.		
8952	23 34 59	+ 4 21	+71 38	+33	5.84	+1.80	KOIab	+0.006	+0.005	.	− 3	.	.		
8953	23 35 56	+ 5 0	+24 33	+33	6.40 R	.	M1	+0.018	+0.014	.	− 12	.	.		
8954	23 36 23	+ 5 6	+ 2 6	+33	5.60 R	.	dF0	−0.109	+0.062	.	+ 39	.	.		
8955	23 36 31	+ 4 58	+32 54	+33	6.24 R	.	F5	−0.011	+0.001	.	− 1	.	.		
8956	23 37 5	+ 5 17	−31 52	+33	6.51 H	.	K0	+0.041	+0.006	.003D		3.2	6.1		2
8957	23 38 23	+ 6 13	−76 52	+33	5.99	+0.90	K0	+0.086	−0.029	.		.	.		
8958	23 37 39	+ 5 11	−13 4	+33	5.74 H	.	gG6	+0.032	+0.029	.	− 13	3.9	33.2		
8959	23 37 51	+ 5 23	−45 30	+33	4.72	+0.08	A2V	+0.064	−0.013	+.009	+ 10V	.	.		
8960	23 37 40	+ 5 4	+16 49	+33	6.08 R	+0.00	A2V	+0.129	+0.000	.	− 26V	.	.		R
8961	23 37 34	+ 4 54	+46 28	+33	3.88	+1.02	G8III-IV	+0.158	−0.421	+.043	+ 7V	.	.		R
8962	23 37 32	+ 4 53	+44 26	+33	5.80 R	−0.06	B9n	+0.010	−0.009	.004D	− 11	.9	.6		2
8963	23 37 57	+ 5 3	+18 24	+33	5.49 R	−0.03	A1V	+0.044	+0.020	.	− 16V	6.0	27.6		6
8964	23 37 58	+ 4 56	+46 12	+33	6.39 R	.	G5	+0.365	−0.002	+.021	− 1	.	.		
8965	23 38 8	+ 4 54	+43 16	+33	4.28	−0.10	B8V	+0.025	+0.000	+.005	− 1V	.	.		
8966	23 39 28	+ 5 22	−46 39	+33	6.74 H	.	A3	+0.022	+0.034	.008D		.7	4.8		2
8967	23 39 8	+ 4 51	+50 28	+33	5.27 R	−0.06	B9	−0.020	−0.004	.	+ 9V	.	.		6
8968	23 39 47	+ 5 11	−14 14	+33	5.00	+0.24	A5	+0.054	−0.033	+.011	− 2V	.	.		6
8969	23 39 57	+ 5 9	+ 5 38	+33	4.13	+0.51	F7V	+0.370	−0.435	+.064	+ 5	.	.		
8970	23 39 55	+ 5 6	+ 9 40	+33	6.02 R	.	A2	+0.093	−0.007	.	+ 0	.	.		
8971	23 39 11	+ 4 18	+75 17	+33	5.95	+0.13	A2	+0.013	+0.014	.	+ 3	.	.		6
8972	23 39 22	+ 4 22	+74 0	+33	5.96 R	.	gG5	−0.007	+0.011	.	+ 9	.	.		6
8973	23 40 3	+ 4 57	+37 39	+33	6.18 R	.	dF0	−0.018	−0.083	.	− 16	3.4	14.9		3
8974	23 39 20	+ 4 6	+77 37	+33	3.22	+1.03	K1IV	−0.065	+0.154	+.064	− 42	.	.		
8975	23 40 38	+ 5 15	−32 5	+33	5.30	+0.96	KOIII	−0.100	−0.055	.	+ 14	.	.		
8976	23 40 25	+ 4 56	+44 20	+33	4.13	−0.07	B8V	+0.079	−0.019	+.012	− 9	7.0	46.8	3	D
8977	23 40 41	+ 5 0	+36 43	+33	6.18 R	.	F5	+0.230	+0.026	.	− 0	.	.		G
8978	23 41 7	+ 5 13	−24 10	+33	6.58	+1.58	gM1	+0.003	−0.008	.		.	.		
8979	23 41 8	+ 5 10	−11 41	+33	5.88	+1.00	gG9	+0.065	+0.013	.	− 11	.	.		
8980	23 41 34	+ 5 11	−18 2	+33	5.60 H	.	gK5	−0.043	−0.066	.	+ 25	.	.		
8981	23 41 27	+ 4 53	+49 31	+33	6.28 R	.	A3	−0.003	−0.020	.	− 6	.	.		
8982	23 41 45	+ 5 11	−17 49	+33	4.80	+0.82	G0Ib	+0.011	+0.009	−.012	+ 3	.	.		
8983	23 41 57	+ 5 6	+ 7 15	+33	5.87 R	.	A0	−0.030	−0.038	.	+ 1	.	.		
8984	23 42 3	+ 5 6	+ 1 47	+33	4.52	+0.19	A7V	−0.135	−0.146	+.024	+ 12V?	.	.		G
8985	23 41 54	+ 4 49	+57 15	+33	6.22 R	.	G8III	+0.003	+0.001	.	− 12	.	.		
8986	23 42 15	+ 4 56	+44 59	+33	6.54 R	.	gK5	−0.015	−0.009	.	− 10	.	.		
8987	23 42 28	+ 5 11	−15 27	+33	5.26	+1.35	K4III	+0.020	−0.003	+.010	+ 7V?	.	.		6
8988	23 42 43	+ 5 11	−14 33	+33	4.48	−0.04	B9.5V	+0.093	−0.064	+.035	+ 3V?	6.0	5.7		*
8989	23 42 21	+ 4 43	+64 31	+33	6.61 R	.	M2III	+0.001	+0.003	.	− 3	4.4	2.9		
8990	23 42 32	+ 4 47	+61 40	+33	6.36 R	.	K2	+0.053	−0.006	.	− 16	.	.		
8991	23 43 22	+ 5 5	+10 20	+33	5.22 R	.	gM2	+0.001	+0.015	+.015	− 34	.	.		
8992	23 43 50	+ 5 11	−15 17	+33	5.8 H	.	gM7ep	+0.027	−0.020	.	− 22	.	.		
8993	23 44 0	+ 5 21	−45 5	+33	6.08	+0.98	G8IV	+0.300	+0.013	+.012	− 31	.	.		
8994	23 44 25	+ 5 43	−70 30	+33	6.06	+0.91	G5	+0.244	+0.056	+.009	+ 20	.	.		
8995	23 44 40	+ 6 4	−78 48	+33	5.74	+1.11	gK1	+0.049	−0.005	.		.	.		
8996	23 44 12	+ 5 30	−64 25	+33	5.71	+1.40	K3II	+0.014	+0.029	+.002	− 13	.	.		
8997	23 44 0	+ 5 2	+29 21	+33	4.85 R	.	KOIII	+0.067	−0.036	+.016	− 7V	3.1	1.6		2
8998	23 44 12	+ 5 11	−18 17	+33	5.24	−0.09	B8V	+0.024	+0.006	.	+ 14V	.	.		
8999	23 44 29	+ 5 12	−26 15	+33	6.26 H	.	dF5	−0.075	−0.013	.	+ 16	3.2	9.3		3
9000	23 44 49	+ 4 53	+55 48	+33	6.49 R	.	gG4	+0.019	−0.003	+.005	+ 9	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
9001		−40 15239	223011	32983	.				23 40 45	−40 44	344 50	−71 11
9002	107 AQR	−19 6506	223024	32985	5752.	14877	16979A		23 40 49	−19 14	58 47	−72 44
9003	20 ψ AND	+45 4321	223047	32988	5753.	14879			23 41 5	+45 52	111 20	−14 59
9004	19 PSC	+ 2 4709	223075	32995	5755.	14882		TX PSC	23 41 17	+ 2 56	93 16	−55 36
9005		+65 1943	223128	33004	.	14887			23 41 50	+66 13	116 35	+ 4 42
9006	σ PHE	−50 14047	223145	33012	.	14892			23 41 58	−50 47	326 35	−63 51
9007		−69 3335	223148	33013	.				23 41 52	−68 57	311 37	−47 38
9008	5 τ CAS	+57 2804	223165	33010	5756.1	14891			23 42 10	+58 6	114 37	− 3 11
9009		−12 6559	223170	33014	.	14893			23 42 7	−12 28	75 6	−68 36
9010		+56 3085	223173	33009	.	14890			23 42 8	+56 54	114 19	− 4 20
9011		+46 4169	223229	33021	.	14897	17006		23 42 35	+46 16	111 42	−14 39
9012	20 PSC	− 3 5707	223252	33029	.	14900			23 42 48	− 3 19	88 15	−61 17
9013		+67 1562	223274	33031	5759.	14901			23 43 8	+67 15	116 58	+ 5 40
9014		− 7 6086	223311	33039	.	14902			23 43 24	− 6 56	84 18	−64 25
9015		+ 1 4773	223346	33047	.	14907			23 43 42	+ 1 39	93 14	−57 1
9016	δ SCL	−28 18353	223352	33050	5760.	14908	17021A		23 43 43	−28 41	25 10	−76 7
9017		+64 1861	223358	33045	5761.	14906	17020		23 43 48	+64 19	116 19	+ 2 48
9018	6 CAS	+61 2533	223385	33051	.	14909	17022	VAR?	23 43 58	+61 40	115 42	+ 0 14
9019		+59 2777	223386	33052	.	14911			23 44 0	+59 25	115 10	− 1 58
9020		+58 2653	223421	33054	.	14914			23 44 17	+58 24	114 58	− 2 57
9021		−16 6373	223428	33060	.				23 44 22	−16 25	67 52	−71 45
9022	21 PSC	+ 0 5054	223438	33059	.	14916			23 44 20	+ 0 31	92 33	−58 6
9023		−63 4931	223444	33061	.				23 44 22	−63 24	314 32	−52 52
9024		+35 5110	223460	33063	.	14918			23 44 39	+35 52	109 16	−24 49
9025	79 PEG	+28 4649	223461	33062	.	14917			23 44 36	+28 17	106 56	−32 7
9026		−26 16796	223466	33064	.		17029		23 44 39	−25 53	36 52	−76 4
9027		−10 6177	223524	33074	.	14921			23 45 5	−10 32	79 56	−67 35
9028		+50 4165	223552	33076	.	14922	17032		23 45 22	+51 4	113 22	−10 7
9029		−15 6507	223559	33081	.	14924			23 45 24	−14 57	71 46	−70 56
9030	80 PEG	+ 8 5127	223637	33094	.	14928		VAR?	23 46 15	+ 8 46	99 5	−50 45
9031	108 AQR	−19 6522	223640	33092	5768.	14927			23 46 11	−19 28	60 30	−73 56
9032	γ^1 OCT	−82 905	223647	33107	.	14930			23 46 15	−82 34	305 25	−34 49
9033	22 PSC	+ 2 4725	223719	33112	.	14933			23 46 51	+ 2 22	95 5	−56 42
9034		+76 934	223731	33113	5770.	14934			23 47 9	+77 3	119 39	+15 7
9035		+20 5386	223755	33117	.	14937			23 47 19	+21 7	105 9	−39 9
9036	81 ϕ PEG	+18 5231	223768	33119	5771.	14939			23 47 24	+18 34	104 10	−41 36
9037		−15 6515	223774	33118	.	14938			23 47 22	−14 48	73 7	−71 10
9038		+74 1047	223778	33120	5772.	14940	17062		23 47 32	+74 59	119 11	+13 6
9039	82 PEG	+10 5004	223781	33122	5774.	14941		VAR?	23 47 31	+10 23	100 26	−49 21
9040		− 9 6277	223807	33128	.	14944			23 47 42	− 9 33	82 48	−67 11
9041	24 PSC	− 3 5723	223825	33130	.	14945	F		23 47 47	− 3 43	90 7	−62 15
9042	25 PSC	+ 1 4792	223855	33136	.	14948			23 47 57	+ 1 32	94 55	−57 34
9043		−24 17897	223884	33140	.				23 48 11	−24 47	42 10	−76 36
9044		−27 16479	223991	33158	.		17090		23 49 11	−27 36	30 1	−77 17
9045	7 ρ CAS	+56 3111	224014	33160	5775.	14955		ρ CAS	23 49 23	+56 57	115 18	− 4 31
9046		−40 15285	224022	33162	5776.				23 49 24	−40 51	341 5	−72 21
9047		− 0 4585	224062	33165	.	14957		VAR?	23 49 39	− 0 27	94 2	−59 33
9048	26 PSC	+ 6 5216	224103	33172	.	14961			23 50 1	+ 6 31	99 10	−53 11
9049		−32 17723	224113	33175	.	14962		VAR?	23 50 6	−32 29	8 7	−76 53
9050		−32 17724	224112	33176	.				23 50 7	−32 27	8 15	−76 53

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
9001	23 46 1	+ 5 16	−40 11	+33	6.30	+0.21	A2	+0.091	−0.034	.	+ 4	.	.		
9002	23 46 1	+ 5 12	−18 41	+33	5.74 H	.	A5	+0.131	+0.034	+.004	− 2	1.2	6.3		D
9003	23 46 2	+ 4 57	+46 25	+33	4.96	+1.14	G5Ib	+0.004	−0.004	+.000	− 25	.	.		
9004	23 46 24	+ 5 7	+ 3 29	+33	5.30 H	.	$C6_2$	−0.039	−0.016	−.006	− 11	.	.		G
9005	23 46 36	+ 4 46	+66 46	+33	5.94 R	.	B3	+0.004	+0.005	.	− 14	.	.		
9006	23 47 16	+ 5 18	−50 14	+33	5.16	−0.20	B5	+0.001	−0.016	.	+ 11	.	.		
9007	23 47 23	+ 5 31	−68 24	+33	6.88	+0.46	F2	+0.035	−0.038	.		.	.		
9008	23 47 4	+ 4 54	+58 39	+33	4.94 R	.	K1III	+0.061	+0.057	+.015	− 21	.	.		
9009	23 47 16	+ 5 9	−11 55	+33	5.90 H	.	gK1	−0.054	−0.082	.	+ 11	.	.		
9010	23 47 1	+ 4 53	+57 27	+33	5.64 R	.	K3II	+0.001	+0.000	.	− 6	.	.		
9011	23 47 33	+ 4 58	+46 49	+33	5.81 R	.	B3	+0.008	−0.002	.002D	− 24V	2.0	1.0		2
9012	23 47 56	+ 5 8	− 2 46	+33	5.49	+0.95	G8III	+0.090	+0.010	.	− 7	.	.		G
9013	23 47 55	+ 4 47	+67 48	+33	5.00 R	.	A0	+0.014	+0.001	+.012	+ 10V	.	.		
9014	23 48 32	+ 5 8	− 6 23	+33	6.06	+1.46	gK4	−0.001	−0.019	.	− 21	.	.		
9015	23 48 49	+ 5 7	+ 2 12	+33	6.37 R	.	F2	+0.001	−0.036	.	− 25V	.	.		6
9016	23 48 55	+ 5 12	−28 8	+33	4.57	+0.01	A0V	+0.102	−0.103	+.033	+ 14V?	3.9	74.6	3	D
9017	23 48 39	+ 4 51	+64 52	+33	6.32BR	.	A0	+0.012	−0.015	+.009	− 3	.7	.9	3	D
9018	23 48 50	+ 4 52	+62 13	+33	5.42	+0.66	A3Ia	−0.006	+0.003	.001D	− 46V?	2.5	1.8	3	*
9019	23 48 54	+ 4 54	+59 58	+33	6.32BR	.	A0	+0.048	+0.011	.	− 16	.	.		
9020	23 49 12	+ 4 55	+58 57	+33	6.38 R	.	dF3	+0.037	−0.010	.	+ 30	.	.		
9021	23 49 32	+ 5 10	−15 52	+33	6.41 H	.	K0	+0.045	−0.017	.		.	.		
9022	23 49 27	+ 5 7	+ 1 4	+33	5.71 R	.	A2	−0.007	−0.024	.	+ 5	.	.		6
9023	23 49 45	+ 5 23	−62 51	+33	6.58	+1.48	K0	+0.031	−0.035	.		.	.		
9024	23 49 41	+ 5 2	+36 25	+33	5.77 R	.	sgG0	−0.008	−0.050	.	+ 1	.	.		
9025	23 49 40	+ 5 4	+28 50	+33	5.89 R	.	A3	+0.062	+0.027	.	− 4	.	.		
9026	23 49 50	+ 5 11	−25 20	+33	6.41	+0.12	A3V	−0.027	−0.022	.	+ 16	4.0	13.6		7
9027	23 50 15	+ 5 10	− 9 59	+33	6.08 H	.	K0IV	+0.134	+0.078	.	− 18	.	.		
9028	23 50 22	+ 5 0	+51 37	+33	6.46 R	.	dA9	+0.119	−0.014	.	− 21	.	21.6	3	
9029	23 50 33	+ 5 9	−14 24	+33	5.92 H	.	gK5	+0.033	−0.028	.	− 58	.	.		
9030	23 51 21	+ 5 6	+ 9 19	+33	6.01 R	.	gM3	−0.022	−0.059	.	− 9	.	.		
9031	23 51 21	+ 5 10	−18 55	+33	5.16	−0.15	A si	+0.017	+0.004	+.018	+ 13	.	.		
9032	23 52 7	+ 5 52	−82 1	+33	5.11	+0.92	G7III	−0.034	−0.014	.	+ 15	.	.		
9033	23 51 58	+ 5 7	+ 2 55	+33	5.69 R	.	K4II	+0.009	−0.011	.	+ 0	.	.		
9034	23 51 57	+ 4 48	+77 36	+33	6.42 R	.	F5V	+0.266	−0.088	+.038	+ 1	.	.		
9035	23 52 24	+ 5 5	+21 40	+33	6.08 R	.	gM2	−0.053	−0.013	.	− 5	.	.		
9036	23 52 29	+ 5 5	+19 7	+33	5.03 R	.	gM2	−0.009	−0.035	+.012	− 8	.	.		
9037	23 52 30	+ 5 8	−14 15	+33	6.00 H	.	gK3	−0.105	+0.006	.	+ 2	.	.		
9038	23 52 25	+ 4 53	+75 32	+33	6.40	+0.98	K3V	+0.313	+0.052	+.090	+ 1V	2.2	165.7	3	*
9039	23 52 37	+ 5 6	+10 56	+33	5.29 R	.	A3	−0.027	+0.005	+.016	− 3	.	.		
9040	23 52 51	+ 5 9	− 9 0	+33	5.74	+1.17	gK0	+0.059	−0.015	.	− 18	.	.		
9041	23 52 55	+ 5 8	− 3 10	+33	6.09 H	.	gG9	+0.069	−0.041	.	− 6	.0	.1		
9042	23 53 4	+ 5 7	+ 2 5	+33	6.23 R	.	A0	+0.016	−0.006	.	+ 5	.	.		6
9043	23 53 21	+ 5 10	−24 14	+33	6.24 H	.	A3	+0.042	−0.009	.		.	.		
9044	23 54 21	+ 5 10	−27 3	+33	6.34	+0.20	A m	+0.015	+0.027	.006D	+ 17	.7	7.0		2
9045	23 54 23	+ 5 0	+57 30	+33	4.4 H	.	F8Iap	−0.005	+0.003	+.016	− 43	.	.		
9046	23 54 39	+ 5 15	−40 18	+33	6.02	+0.56	F8V	+0.365	+0.026	+.023	− 10	.	.		
9047	23 54 46	+ 5 7	+ 0 6	+33	5.98 H	.	gM5	−0.049	−0.007	.	− 2	.	.		
9048	23 55 8	+ 5 7	+ 7 4	+33	6.09 R	−0.05	A1	+0.015	−0.015	.	+ 17	.	.		
9049	23 55 16	+ 5 10	−31 56	+33	6.08	−0.09	B5IV	+0.008	+0.006	.	− 12V	.	.		6
9050	23 55 17	+ 5 10	−31 54	+33	6.82	−0.09	A	−0.004	+0.012	.		.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
9051		+25 5042	224128	33178	.	14963			23 50 18	+25 24	107 28	−35 14
9052		+56 3115	224151	33184	5779.	14967		V373 CAS	23 50 33	+56 51	115 26	− 4 39
9053		+46 4214	224165	33183	.	14966			23 50 31	+46 48	113 12	−14 28
9054		−25 16707	224283	33200	.				23 51 21	−25 18	40 46	−77 25
9055		+21 4999	224303	33208	.	14979			23 51 36	+22 5	106 43	−38 30
9056		+82 743	224309	33205	.	14978		V CEP	23 51 45	+82 38	121 12	+20 30
9057		+41 4902	224342	33211	.	14981			23 51 59	+42 6	112 23	−19 6
9058		−27 16494	224350	33212	.				23 51 59	−27 11	32 11	−77 53
9059		+54 3076	224355	33214	.	14982		VAR?	23 52 6	+55 9	115 17	− 6 22
9060		−63 4940	224361	33215	.				23 52 5	−63 31	313 8	−53 5
9061	γ^2 OCT	−82 907	224362	33219	.	14986			23 52 4	−82 44	305 9	−34 43
9062	η TUC	−64 4391	224392	33223	5784.	14988			23 52 20	−64 51	312 21	−51 50
9063		+59 2795	224404	33224	.				23 52 31	+59 28	116 14	− 2 9
9064	84 ψ PEG	+24 4865	224427	33230	5788.	14992			23 52 40	+24 35	107 51	−36 10
9065	1 CET	−16 6394	224481	33242	.	14997			23 53 13	−16 24	72 41	−73 18
9066	R CAS	+50 4202	224490	33244	.	14998	17135	R CAS	23 53 20	+50 50	114 33	−10 37
9067	27 PSC	− 4 5996	224533	33248	5793.	14999	17137		23 53 33	− 4 7	92 29	−63 16
9068		+31 5012	224544	33253	.	15002			23 53 43	+31 49	110 12	−29 12
9069	π PHE	−53 10561	224554	33256	5794.	15003			23 53 45	−53 18	320 19	−62 34
9070		+45 4381	224559	33252	.	15001		VAR?	23 53 41	+45 51	113 33	−15 30
9071	8 σ CAS	+54 3082	224572	33257	.	15004	17140		23 53 56	+55 12	115 33	− 6 22
9072	28 ω PSC	+ 6 5227	224617	33262	5795.	15009			23 54 11	+ 6 19	100 40	−53 44
9073		−30 19765	224630	33266	.				23 54 20	−30 3	18 11	−78 19
9074		+32 4747	224635	33268	.	15012	17149A		23 54 24	+33 10	110 43	−27 55
9075		+32 4747	224636	33268	.	15013	17149B		23 54 24	+33 10	110 43	−27 55
9076	ϵ TUC	−66 3819	224686	33280	.	15017			23 54 43	−66 8	311 19	−50 42
9077		−44 15420	224750	33292	.		I		23 55 10	−44 51	330 31	−69 59
9078		+26 4727	224758	33293	.	15021			23 55 17	+26 22	109 5	−34 35
9079		+58 2685	224784	33294	.	15022			23 55 27	+59 0	116 31	− 2 41
9080		+44 4538	224801	33298	.	15023		CG AND	23 55 37	+44 42	113 39	−16 42
9081	τ PHE	−49 14316	224834	33305	.				23 55 56	−49 22	323 48	−66 13
9082		−51 13743	224865	33312	5802.	15029			23 56 12	−50 54	321 59	−64 53
9083		+49 4309	224870	33311	.	15028			23 56 13	+49 25	114 43	−12 6
9084	θ OCT	−77 1596	224889	33321	5803.	15035			23 56 27	−77 37	306 32	−39 43
9085		+60 2657	224893	33320	.	15034			23 56 31	+60 40	116 58	− 1 5
9086		+41 4920	224906	33325	.	15038			23 56 37	+41 49	113 13	−19 34
9087	29 PSC	− 3 5749	224926	33327	.	15041		VAR?	23 56 42	− 3 35	94 34	−63 8
9088	85 PEG	+26 4734	224930	33334	5807.	15044	17175		23 56 57	+26 33	109 35	−34 29
9089	30 PSC	− 6 6345	224935	33330	5806.	15043		VAR?	23 56 50	− 6 34	91 34	−65 49
9090	W CET	−15 6531	224960		.			W CET	23 57 0	−15 14	77 44	−73 4
9091	ζ SCL	−30 19790	224990	33337	.	15048	I		23 57 12	−30 17	16 30	−78 53
9092	31 PSC	+ 8 5164	224995	33340	.	15049			23 57 17	+ 8 24	103 0	−52 1
9093	32 PSC	+ 7 5121	225003	33341	.	15050			23 57 23	+ 7 56	102 48	−52 28
9094		+65 1987	225009	1	.	2	1A		23 57 29	+65 33	118 0	+ 3 42
9095		−20 6703	225045	8	.				23 57 49	−20 36	62 52	−76 50
9096		−24 17960	225069	12	.				23 58 0	−24 42	45 33	−78 42
9097		+62 2356	225094	17	.	9			23 58 17	+63 4	117 38	+ 1 15
9098	2 CET	−18 6417	225132	23	5813.	10			23 58 37	−17 54	72 2	−75 16
9099		+65 1993	225136	24	.	11			23 58 42	+66 9	118 14	+ 4 16
9100	9 CAS	+61 2586	225180	30	.	14			23 59 4	+61 44	117 28	+ 0 5

BS= HR	RA (2000)	Δα 100 YR	DEC (2000)	Δδ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
9051	23 55 23	+ 5 5	+25 57	+33	6.51 R	.	K5	−0.007	−0.005	.	− 15	.	.		
9052	23 55 34	+ 5 1	+57 24	+33	6.00	+0.22	B0.5II	−0.009	+0.000	+.027	− 26V	.	.		R
9053	23 55 34	+ 5 3	+47 21	+33	5.98 R	.	G8Ib	−0.006	−0.004	.	− 17	.	.		
9054	23 56 30	+ 5 9	−24 45	+33	6.33 H	.	G5	−0.004	+0.023	.		.	.		
9055	23 56 42	+ 5 6	+22 38	+33	6.28 R	.	gM2	−0.022	−0.007	.	+ 1	.	.		
9056	23 56 27	+ 4 42	+83 11	+33	6.42 H	.	A2	+0.048	+0.013	.	− 13	.	.		
9057	23 57 3	+ 5 4	+42 39	+33	5.98 R	.	F5	+0.002	−0.004	.	− 7	.	.		
9058	23 57 8	+ 5 9	−26 38	+33	6.40 H	.	K0	+0.066	+0.020	.		.	.		
9059	23 57 9	+ 5 3	+55 42	+33	5.62 R	.	dF3	−0.020	−0.009	.	+ 13V	.	.		R
9060	23 57 19	+ 5 14	−62 58	+33	5.96	+0.11	A2p	+0.066	+0.024	.	− 13	.	.		
9061	23 57 33	+ 5 29	−82 11	+33	5.72	+1.05	gG9	−0.023	−0.021	.	+ 27	.	.		
9062	23 57 35	+ 5 15	−64 18	+33	4.98	+0.06	A2	+0.087	−0.068	+.029	+ 33	.	.		
9063	23 57 34	+ 5 3	+60 1	+33	6.37 R	+0.00	B8	+0.012	+0.002	.		.	.		
9064	23 57 46	+ 5 6	+25 8	+33	4.67	+1.58	M3III	−0.039	−0.029	+.003	− 4	.	.		G
9065	23 58 22	+ 5 9	−15 51	+33	6.40 H	.	gG8	+0.078	−0.004	.	+ 4	.	.		
9066	23 58 25	+ 5 5	+51 23	+33	4.8 H	.	gM7e	+0.076	+0.011	.	+ 21	5.4	27.8	3	D
9067	23 58 40	+ 5 7	− 3 34	+33	4.85	+0.94	G9III	−0.052	−0.068	+.026	− 0	5.3	1.6		2
9068	23 58 49	+ 5 6	+32 22	+33	6.51	−0.08	B5	+0.009	+0.003	.	− 6	.	.		
9069	23 58 56	+ 5 11	−52 44	+34	5.14 H	.	K1III	+0.054	+0.062	+.009	− 14	.	.		
9070	23 58 46	+ 5 5	+46 24	+33	6.52	−0.08	B3IV	+0.017	−0.004	.	− 1	.	.		G
9071	23 59 0	+ 5 4	+55 45	+33	4.95 R	−0.08	B1V	+0.008	−0.002	.006D	− 13	2.1	3.4		D
9072	23 59 19	+ 5 8	+ 6 52	+33	3.95 R	.	F4IV	+0.148	−0.111	+.012	+ 2V	.	.		6
9073	23 59 28	+ 5 8	−29 30	+33	5.70 H	.	K5	−0.008	+0.002	.		.	.		
9074	23 59 30	+ 5 6	+33 43	+33	6.58 H	.	dG0	−0.064	−0.080	.065D	− 8	.0	3.8		D
9075	23 59 30	+ 5 6	+33 43	+33	6.58 H	.	dG0	−0.064	−0.080	.065D	− 5	.0	3.8		D
9076	23 59 55	+ 5 12	−65 35	+33	4.48	−0.09	B7V	+0.052	−0.026	.	+ 11	.	.		
9077	0 0 19	+ 5 9	−44 18	+33	6.28	+0.76	G3IV	+0.073	−0.111	.	+ 3	.1	.8		7
9078	0 0 24	+ 5 7	+26 55	+33	6.34 R	.	dF5	+0.040	−0.049	.	+ 0	.	.		
9079	0 0 31	+ 5 4	+59 33	+33	6.24 R	.	K0	−0.075	−0.021	.	− 33	.	.		G
9080	0 0 43	+ 5 6	+45 15	+33	6.37	−0.07	A p	+0.023	+0.006	.	− 3V?	.	.		
9081	0 1 4	+ 5 8	−48 49	+33	5.69	+0.91	G8III	−0.028	−0.008	.	+ 8	.	.		
9082	0 1 20	+ 5 8	−50 21	+33	5.38 H	.	gM0	−0.003	+0.014	+.003	+ 2	.	.		
9083	0 1 20	+ 5 7	+49 58	+33	6.19 R	.	G7II-III	+0.009	−0.010	.	− 20	.	.		
9084	0 1 35	+ 5 8	−77 4	+33	4.78	+1.26	K2III	−0.055	−0.166	+.011	+ 24	.	.		
9085	0 1 37	+ 5 6	+61 13	+33	5.57	+0.39	F0III	−0.007	+0.009	.	− 23	.	.		
9086	0 1 44	+ 5 7	+42 22	+33	6.10 R	−0.03	B9	+0.000	−0.002	.	− 11	.	.		
9087	0 1 49	+ 5 7	− 3 2	+33	5.10	−0.14	B8III	+0.010	−0.004	.	+ 23	.	.		
9088	0 2 10	+ 5 13	+27 5	+32	5.75	+0.67	G3V	+0.837	−0.988	+.086	− 36V	2.7	66.8	4	D
9089	0 1 58	+ 5 8	− 6 1	+33	4.40	+1.64	M3IV	+0.048	−0.033	+.043	− 12	.	.		
9090	0 2 7	+ 5 7	−14 41	+33	6.5 H	.	$S7_3$	−0.014	−0.012	.	+ 13	.	.		
9091	0 2 19	+ 5 7	−29 44	+33	5.02	−0.15	B4III	+0.010	+0.004	.	+ 0V	10.0	3.		
9092	0 2 24	+ 5 7	+ 8 57	+33	6.29 R	.	A5	−0.001	+0.001	.	+ 11	.	.		
9093	0 2 30	+ 5 7	+ 8 29	+33	5.59 R	.	dF0	−0.101	−0.046	.	+ 10	.	.		
9094	0 2 37	+ 5 8	+66 6	+33	5.86	+1.09	G8III	+0.010	+0.004	.010D	− 18	1.3	15.3	3	D
9095	0 2 57	+ 5 8	−20 2	+34	6.27 H	.	dF7	+0.107	+0.075	.		.	.		
9096	0 3 7	+ 5 7	−24 9	+33	6.54 H	.	G5	+0.036	+0.002	.		.	.		
9097	0 3 25	+ 5 8	+63 38	+34	6.24	+0.32	B3Ia	−0.009	+0.061	.	− 43	.	.		
9098	0 3 44	+ 5 7	−17 21	+33	4.54	−0.05	B9IV	+0.021	−0.004	+.004	− 5V	.	.		
9099	0 3 51	+ 5 9	+66 42	+33	6.44 R	.	gM4	+0.021	−0.004	.	+ 15	.	.		
9100	0 4 13	+ 5 9	+62 17	+33	5.89	+0.27	A0III	−0.005	+0.010	.	− 18	.	.		

BS= HR	NAME	DM	HD	GC	PAR CAT	RAD VEL CAT	DOUBLE STAR CAT	VARIABLE STAR CAT	RA (1900)	DEC (1900)	GALACTIC LONG	GALACTIC LAT
		°							h m s	° ′	° ′	° ′
9101		−17 6868	225197	33	.	17			23 59 12	−17 5	74 39	−74 47
9102		−29 18950	225200	34	.				23 59 13	−29 50	18 28	−79 24
9103	3 CET	−11 6194	225212	36	5815.	18		VAR?	23 59 23	−11 4	87 2	−70 3
9104		+66 1679	225216	39	5816.	22			23 59 30	+66 37	118 24	+ 4 43
9105		+41 4933	225218	38	.	20	30		23 59 28	+41 32	113 42	−19 57
9106		−73 2346	225233	37	.				23 59 27	−73 27	307 41	−43 48
9107		+33 4828	225239	44	5819.	24			23 59 38	+34 6	112 8	−27 14
9108		−72 2800	225253	42	.	· 23			23 59 37	−72 0	308 11	−45 12
9109		+25 5068	225276	47	.	26	42		23 59 47	+26 6	110 12	−35 4
9110		+60 2667	225289	52	.	33			23 59 56	+60 45	117 24	− 1 4

BS= HR	RA (2000)	$\Delta\alpha$ 100 YR	DEC (2000)	$\Delta\delta$ 100 YR	VISUAL MAG	B−V	SPECTRAL CLASS	PROPER MOTION RA	PROPER MOTION DEC	PAR	RADIAL VELOCITY	DOUBLE STARS Δm	DOUBLE STARS SEP	DOUBLE STARS NO	R
	h m s	m s	° ′	′				″	″	″	km/s		″		
9101	0 4 19	+ 5 7	−16 32	+33	5.80 H	.	gK2	+0.034	−0.054	.	− 27	.	.		
9102	0 4 20	+ 5 7	−29 17	+33	6.39	+0.00	A0Vn	+0.023	+0.017	.	+ 5V	.	.		
9103	0 4 30	+ 5 7	−10 31	+33	5.16 H	.	K3Ib	−0.010	−0.005	+.012	− 42V	.	.		
9104	0 4 42	+ 5 12	+67 10	+33	5.70 R	.	gK1	+0.092	+0.035	+.014	− 27	.	.		
9105	0 4 36	+ 5 8	+42 5	+33	6.00 R	.	A2	+0.000	−0.021	.	− 8	2.6	5.4		D
9106	0 4 31	+ 5 4	−72 54	+33	7.30	+0.45	F5	+0.013	−0.054	.		.	.		
9107	0 4 52	+ 5 14	+34 40	+34	6.12	+0.62	G2V	+0.755	+0.100	+.034	+ 4	.	.		
9108	0 4 41	+ 5 4	−71 27	+33	5.58	−0.13	B8III	+0.031	−0.024	.	− 3V	.	.		
9109	0 4 56	+ 5 9	+26 39	+33	6.31 R	.	K2	+0.105	−0.009	.	− 5	4.6	23.1		
9110	0 5 6	+ 5 10	+61 18	+33	5.78	−0.08	B6III	+0.014	+0.009	.	+ 14	.	.		

Addenda or Corrections

(Noted after the preceding pages were in press)

In previous editions of the catalogue combined data for both components of double stars or blended images of optical companions were bracketed and printed between the lines for the two stars. With the method of printing used for this edition this procedure was not practical; instead such bracketed information is duplicated for each of the component stars. Thus, for example, the same Name or DM number will in such cases be found for more than one star. Such apparent redundancies will also be noted in other columns. In particular, for some double stars both components are designated as "VAR?" if their HR numbers were combined in Table 5 of the General Catalogue of Variable Stars or in Table 3 of the Supplement.

Page 6, Item 8, Double star designation:

1. *Add* C, Couteau

2. The letters A, B which follow the designation in a double star catalogue indicate which component of a double star is represented. In the case of some "common proper motion" stars which do not occur in any of the double star catalogues searched, the letters A or B are still used to indicate the primary and secondary.

Page 7, Item 6, Visual magnitude:

Magnitudes given to only one decimal correspond to variable stars at *maximum*. These values have generally been taken from the *Remarks* column of the 1940 Edition and are not necessarily the HR magnitudes.

Left-Hand Page, Variable Star Cat:

Recent work at the Bamberg-Remeis Observatory reveals 16 additional variable stars: BS 1426, 1471, 2001, 2059, 3049, 3343, 3444, 3524, 3856, 4174, 4768, 5527, 5687, 6218, 6622, and 6875.

Miscellaneous Errata:

BS	1966	RA (2000)	for	$2x^s$	read	27^s
	2063	DM	for	11711	read	1171a
	2564	Dec (1900)	for	1 ′	read	18′
	4450	$\Delta\alpha$	for	$5v^s$	read	55^s
	6206	Double Stars	for	957″	read	95.″7
	6622	Spectral Class	for	B35	read	B3V

REMARKS

In addition to the Remarks to which coded alerts are given in the final column of the Catalogue, this compilation includes data or comments on two other groups of stars:

For every star for which a variable star designation is given in Column 9 of the left page, relevant data on magnitude range, type of variability and period of light variation have been extracted from the 1958 edition of the General Catalogue of Variable Stars and its 1961 Supplement.

In the 1940 Edition of the Catalogue of Bright Stars, 19 objects occurring in the first edition were omitted: HR 92, 95, 182, 663, 1057, 1630, 1841, 2472, 2496, 3515, 3671, 6309, 6437, 6515, 7138, 7189, 7539, 8296, and 8945. These include the Andromeda nebula, 4 globular clusters, 9 faded novae, and 5 stars appreciably fainter than the ostensible faint magnitude limit, 6.55 visual, of the HR catalogue. The 1940 Edition of the Bright Star Catalogue stated that there were two nebulae, but one of them proves to be a globular cluster, NGC 2808, HR 3671, erroneously called a nebula in the HR. These objects are all included among the Remarks and are distinguished by an asterisk after the HR number.

Abbreviations used in the Remarks include the following:

Ag	Aggregate
assoc	Association
B - V	Color on the UBV system
Combined mag, color	The given magnitude and color refer to the combined light of two or more stars.
cpm	Common proper motion
D	Double star, usually used as prefix to the period of revolution
PEP	Photoelectric photometry
p	Photographic magnitude in the General Catalogue of Variable Stars
RV	Value of the radial velocity
rad vel	Radial velocity
SB	Spectroscopic binary
V	Visual magnitude on the UBV system
v	Visual magnitude on an older system, or as given in the General Catalogue of Variable Stars
var	Variable
Vis	Visual

There are numerous instances in which a star is both a spectroscopic binary and an eclipsing variable. Unless the periods derived by both techniques are identical, both the radial velocity and light variability periods are given in the Remarks, even when they differ only slightly.

REMARKS

3 SB 72.93 days
5 D 106.83 yrs, a = 1".43. Companion dG8
6 61 Cyg group. cpm. Combined mag, color
12 cpm. Combined mag, color
14 SB 96.41 days
15 α And is SB 96.697 days. B - V uncertain, published values, -0.07 and -0.14. (Also called δ Peg)
20 Hyades group. D 419 yrs, a = 0".88
21 Optical. β Cas is SB 27 days.
23 Binary. Combined mag, color
26 Binary. Companion red
32 cpm. Combined mag, color. Companion 8.2 G
38 Cas-Tau group
39 Algenib
40 ADS 161 AB binary; C, 10^mK0, 18" probable physical companion
46 Hyades group. cpm. Combined mag, color. Suspected var
50 Binary. ADS 191 A is SB 0.84166 day. Algol var 5.9 - 5.99 p, same period. ADS 191 B, 8.1dA9
65 SB 3.52355 days. β Lyra type var, 5.9 - 6.08 p, 3.5232 days
68 Sirius group
85 Semi-regular var, 6.6 - 7.7 p, 160 days
88 Hyades group
90 Mira type var 6.1 - 14.9 v, 409.45 days
91 Cas-Tau group
92* Nova Cas 1572, Tycho's nova. SN brighter than 1^m at maximum
95* Globular cluster 47 Tuc
97 Sirius group?
98 ζ Her group
99 SB 3849 days; a = 0".07 (astrometric orbit)
103 ζ Her group. Semi-regular var, 4.6 - 5.2 v, 49.1 days
104 SB 3.95583 days
108 D 5.56 yrs, a = 0".145
112 61 Cyg group
113 ADS 412 AB, cpm
114 ADS 409 AB, 13.3^m, 3" cpm
125 Hyades group. Optical. SB
126 126 and 127 form a cpm pair of which both components are close binaries. Share cpm with the pair BS 136. 126 is SB.
127 See 126. D 43.07 yrs, a = 0".411, 4.8: 6.0
134 ADS 455 AB cpm. Component B is K0V. Primary SB
136 cpm with 126 and 127
142 Hyades group. ADS 490 A is SB 2.08189 days. D 6.91 yrs, a = 0".244. Suspected var
153 Cas-Tau group
154 SB 143.6065 days. Two spectra
159 61 Cyg group. D 25.00 yrs, a = 0".670
165 Third component 15.2^m, 48" optical
167 Binary. Companion F3V
168 All companions optical. Probably not var
170 Z Scl presumably non-variable
175 U Ma Stream
179 Cas-Tau group. Suspected var
180 In Ursa Cluster? Sirius group?
182* Andromeda Nebula
183 cpm. Combined mag, color
184 SB 1.96408 days. Two spectra
187 SB 4.820223 days
192 ADS 624 A is Algol type var, YZ Cas, 5.6 - 6.01 p, 4.67224 days. Also SB 4.46718 days
193 Cas-Tau group. cpm
196 Sirius group? cpm
208 SB 33.75 days. Two spectra
214 Hyades group
215 cpm. SB 17.7673 days. β Lyrae type var 5.1 - 5.19 p, 17.7684 days
217 Hyades group
219 D 3.7:7.4dM0, 526 yrs, a = 12".50. Five optical companions
225 SB. Two spectra
226 SB 4.28284 days. Two spectra
230 Hyades group. cpm with 231
231 Hyades group. cpm with 230
235 Sirius group
245 Optical companions. Combined mag, color
250 ADS 735 AB cpm. Component B is dG4
253 ADS 748 AB optical
254 D 204.54 yrs, a = 0".61
258 D 166.68 yrs, a = 1".014
264 Cas-Tau group. ADS 782 AB cpm. Component A is irregular var, γ Cas, 1.6 - 3.0 v.
266 D 76.5 yrs, a = 0".24; Component A SB
269 All companions optical
271 U Ma stream. SB 115.71 days. Two spectra
276 U Ma stream
277 Long period binary
278 Hyades group
282 Binary with 283
283 Vis binary with 282. SB
284 Suspected PEP var, range 0.10V
289 Hyades group. D 120 yrs, a = 0".39. Primary SB
290 U Ma stream?
291 SB 81.12 days. Two spectra
301 ADS 875 AB binary. Component B is dG8.
302 Cas-Tau group
308 Optical pair. SB
309 Hyades group. SB
310 cpm with 311; third companion optical. B - V for combined light is -0.04.
311 See 310
313 cpm with 314. The faint companions probably optical
314 See 313
315 Sirius group
318 ADS 915 AB optical

327 Hyades group
330 U Ma stream?
335 D 165.9 yrs, a = 0".418
338 Bright component of triple system is eclipsing var 4.0 - 4.5 p, 1.66990 days. V at max, 3.94. SB 1.66958 days. Two spectra. Two 7^m companions 0".8 binary and 6" cpm
343 Hyades group. SB
356 ADS 990 AB cpm. Component B is G1V.
360 ADS 995 A is SB. Component B, cpm
361 ADS 996 A is SB. cpm with 362 at 24". B - V for BS 361-2 combined
362 Binary. cpm with 361. ADS 996 B is SB 9.07504 days.
366 cpm. Companion 7.8dG7. Combined mag, color
370 Hyades group
377 Binary. cpm with another binary, 8.1: 8.6 at 320"
378 Ursa Cluster? U Ma stream?
382 In Cluster NGC 457. Separation given for ADS 1073 AC; component B, 12.3^m, 49"
385 ADS gives only two components, 6.2:7.2^m. The fainter of these was found by Finsen to be double 8.0:8.0, 1". Combined spectrum of BC is A7V.
391 Binary and two probably optical companions
395 Hyades group. SB 39.393? days. Two spectra
399 Component B, 13.5^m, 3" cpm with A. Other companion optical
402 Probably optical
403 Hyades group. Algol-like var 2.8 - 2.88 v, 759 days
404 Two possible orbits, 15.90 yrs, a = 0".184 or 32.00 yrs, a = 0".350
410 Hyades group
415 Hyades group
417 Hyades group. ω And and companion 12.0^m, 2".4 binary; ADS 1152 CD at 134" is close pair, 10.7:10.7, 5.2".
419 Binary. Companion dF0
423 Semi-regular var 9.1 - 12.8 p, 363.06 days
424 Polaris. ADS 1477A is Population II cepheid 2.5 - 2.64 p, 3.969754 days. SB. Velocity varies in two periods, 3.968 days and 29.6 yrs. The first corresponds to the pulsation period, the second to the period of revolution of an unseen companion. ADS 1477 B is 8.9 F3V. Components C and D, 13^m, 43" and 12^m, 83"
428 Hyades group. SB
429 SB 193.79 days
436 cpm. Combined mag, color
461 U Ma stream
462 Binary. Combined mag, color
472 Achernar
476 Hyades group
479 cpm. Combined mag, color
483 Hyades group
484 ADS 1326 AB cpm; C optical. A is SB 4.43474 days. Two spectra
485 U Ma stream
486 Binary with 487. D 251 yrs, a = 8".31.V and B - V for combined light are 5.06 and +0.88.
487 See 486
491 ADS 1344 A is SB
496 Cas-Tau group. SB 126.626 days and possibly also a longer period.Irreg. var 4.3 - 4.4 p
497 Ursa Cluster
503 SB 78.0073 days
514 ADS 1394 AB binary. Two fainter companions at 15" and 142". Combined mag, color of binary
516 cpm. Combined mag, color
526 Binary and fainter companions at 21" and 135". ADS 1438 B is 7.2A2 and is SB with two spectra.
530 U Ma stream. Binary, companion 7.3A6V. Combined mag, color
531 Sirius group? cpm. Companion dG1
533 Cas-Tau group
534 U Ma stream?
539 SB 1652 days
542 Cas-Tau group
544 SB 1.73652 days
545 Binary with 546. B - V for combined light is -0.02.
546 See 545
548 SB 69.92 days
553 SB 106.9973 days
555 γ Leo group. SB
557 ADS 1534 Aa cpm. ADS 1534 B = 556 does not share this motion.
560 D 158.4 yrs, a = 1".00
563 SB 1567.66 days
566 cpm. Combined mag, color
569 ADS 1563 AB cpm. Component B, 7.4dG1. Component A is SB.
575 Sirius group? ADS 1598 AB 60 yrs, a = 0".64. Component C, 13.6^m, 24" cpm. D, 13.0^m 48" optical
592 ADS 1625 AB cpm
595 Binary with 596. D 720 yrs, a = 2".655. V and B - V for combined light, 3.82 and +0.01
596 See 595
599 U Ma stream
603 ADS 1630 A cpm with 604
604 cpm with 603. ADS 1630 BC, 56.0 yrs, a = 0".32
605 D 374.03 yrs, a = 1".39
610 ADS 1634 AB cpm. B is G5V. Third component, 83" optical
613 SB 15.2938 days. Two spectra
618 Perseus cluster; NGC 869; I Per Ag
622 SB 31.4009 days. Two spectra
627 Perseus cluster; I Per Ag
628 cpm with 629
629 cpm with 628
634 SB. Two spectra
641 Perseus cluster; I Per Ag
642 Binary. Companion F6V. Both components SB, 14.732 days and 2.2 days
645 61 Cyg group. SB 1650 days
647 Sirius group. D 143.3 yrs, a = 0".943

650 ADS 1703 AB binary. Component B is dG4.
654 h Persei cluster; I Per Ag
656 Hyades group
660 Optical pair. SB 9.92912 days
663* Mira type var, W And, 6.7 - 15.4 v
672 SB 93.50 days
681 ADS 1778 A is Mira, 2.0 - 10.1 v, 331.62 days. Companion B also var, VZ Cet, peculiar class Ne, "Novoides". ADS 1778 AB binary; 13^m, 75" optical companion
685 I Per Ag. Fixed
696 Perseus cluster; NGC 884; I Per Ag
707 A physical system of at least four components. ADS 1860 AA'-B, binary, 840 yrs, a = 2".27. Perturbing period AA'-A, 52.4 yrs, a = 0".113. Component B is 7.0F5. C is 8.4dG4, 7". Primary is ι Cas, an α CVn type var, 4.57 - 4.60 v, 1.7405 days.
710 Sirius group. ADS 1849 AB cpm. Component A is SB 3.0 days. Combined mag, color
728 ADS 1904 AB, 11^m, binary
733 Hyades group
749 ADS 1954 AB 4.95; 7.69 binary. Combined mag, color
750 Optical companion 6.8A5
753 13.3 M4, 165" cpm
754 Sirius group. Binary, companion F7V
758 Mira type var 5.7 - 12.6 v, 266.40 days
764 cpm with 765
765 cpm with 764. SB 9.851 days
768 ADS 1996 AB 12^m, 8" optical; AC 11^m, 21" cpm
774 Ba II star
779 Cas-Tau group. SB 0.15 day. Perhaps two periods of oscillation. β C Ma type var, 4.04 - 4.07 v, 0.1611366 day
781 D 2.672 yrs, a = 0".114
788 SB 331.0 days. Two spectra
791 SB 2.53636 days
792 U Ma stream. ADS 2064 AB fixed
797 U Ma stream
799 ADS 2081 AB, 10^m dM2, binary
801 Cas-Tau group
802 SB. Two spectra
803 ADS 2082 AB cpm
804 Sirius group. ADS 2080 AB binary. Also 10^m Mb 840" cpm. Combined mag, color
813 Hyades group
814 Binary. Combined mag, color
815 SB 1.19525 days. Algol type var 6.38 - 7.89 p, 1.1952519 days
820 ADS 2117 AB binary
829 SB 1.95 days. Cepheid 6.21 - 6.78 p, 1.949319 days
832 Semi-regular var 7.0 - 8.6 p, 80 days
834 ADS 2157 AB, 8.5^m, 28" cpm. Component C, 9^m, A0, 67"
836 ADS 2151 AB cpm. Component A, SB 3.854 days
838 An optical system
839 SB 8.2504 days
844 ADS 2167 AB, 13^m, 12" cpm. C is 11^m, 41" optical
846 ADS 2185 AB binary. Brighter component itself a double, 7.2:9.2, 0".2
854 SB 1515.6 days
855 ADS 2200 AB, binary 31.6 yrs, a = 0".220 or 63.1 yrs, a = 0".200
867 Probably irregular 7.2 - 7.65 p
872 Sirius group?
875 U Ma stream?
878 Hyades group
881 Binary. Companion 9.0^m F7IV
887 U Ma stream. ADS 2257 B binary with 888 = ADS 2257A. V and B - V for combined light, 4.63 and +0.04
888 See 887
890 I Per Ag. cpm with 891. V uncertain: published values range from 5.00 to 5.28.
891 ADS 2270 B is SB. cpm with 890, q.v.
897 Binary with 898. SB. Two spectra. V and B - V for combined light, 2.90 and +0.13
898 Binary with 897, q.v.
901 Hyades group
906 U Ma stream. Optical companion. SB 11.665 days
915 SB 5350 days
919 U Ma stream
921 ζ Her group. Semi-regular var 3.3 - 4.0 v, 33 days
927 Binary with 928. B - V for combined light is -0.02. ADS 2336 AB-C is a triple system in which the third companion, C, is 11^m, 5".
928 See 927
936 Algol = ADS 2362 A, 2.2 - 3.47 v, 2.867340 days. A triple spectroscopic system with periods ab, 2.8672965 days and ab-c, 1.783 yrs
941 Hyades group. Optical companion
951 Hyades group
954 α CVn type var 5.76 - 5.82p, 0.728 day
961 ADS 2450 AB cpm. Component C, 13^m, 11" optical
962 Binary, angle and distance decreasing
963 D 408 yrs, a = 3".495. Fainter component var?
967 ADS 2436 AB binary
968 D 39.95 yrs, a = 0".515. Third component of triple system, 10^m, 3"
976 SB 5.54348 days
981 Hyades group. Brighter component SB. Combined mag, color
982 I Per Ag
985 Cas-Tau group. Rad Vel per 4.5 yrs
987 α Per cluster, Ag I
989 α Per cluster, Ag I
992 Long period binary
997 Visual binary. SB
1001 Hyades group
1003 ADS 2472 AB binary. C is 11^m, 40" optical.
1005 Cas-Tau group
1006 cpm with 1010
1010 cpm with 1006
1011 α Per cluster, Ag I

1016 Sirius group
1017 Per cluster, Mel. 20, Ag I
1019 ADS 2514AB cpm
1023 Binary and SB
1024 Binary. Combined mag, color
1029 α Per cluster, Ag I
1030 Rad vel period 1655 days
1034 α Per cluster, Ag I
1035 I Cam Ag
1037 α Per cluster, Ag I
1038 SB. Two spectra
1040 I Cam Ag. SB
1044 α Per cluster, Ag I. cpm
1046 U Ma stream? ADS 2565 AB cpm
1047 Perseus cluster
1048 ADS 2552 AB binary
1051 α Per cluster, Ag I
1057* Nova Persei No. 2, 1901
1063 α Per cluster, Ag I
1065 cpm. Component B, 6.85A2
1066 Rad vel period 960 days
1068 ADS 2592 AB cpm. Component B has F-type spectrum.
1072 Cas-Tau group. β C Ma type var 6.3 - 6.41 v, 0.200 days
1073 SB. Two spectra
1074 ζ Per group, II Per Ag
1077 ADS 2612 AB binary 287.7 yrs, a = 1".245
1078 SB 0.9171877 days. Elliptical var 5.80 - 5.85 p, same period
1083 Hyades group
1084 SB 17.922 days
1086 ADS 2616 AB period 576 yrs, a = 0".691 or period 600 yrs, a = 0".72. Third component optical, 10^m, 22"
1087 Per cluster, Ag I
1088 SB 6.2236 days. Two spectra
1093 D 19.40 yrs, a = 0".2362
1099 Binary, companion 8.9dK6. Brighter component, ADS 2644A is SB with two spectra.
1112 ADS 2691D, 8.5B8, 55"
1122 I Per Ag
1123 ζ Per group, II Per Ag. Binary
1131 ζ Per group, II Per Ag. Binary, combined mag, color. Primary SB 4.41916 days. Two spectra. Elliptical var, 3.82 - 3.85 v, 4.419175 days
1132 61 Cyg group. SB
1138 SB 15.5132 days. Two spectra
1140 Celaeno. Pleiades cluster
1142 Electra. Pleiades cluster
1144 Pleiades cluster
1145 Taygeta. Pleiades cluster
1149 Maia. Pleiades cluster
1151 Asterope. Pleiades cluster
1152 Pleiades cluster
1153 Cas-Tau group. Two spectra
1156 Pleiades cluster
1160 Probably optical
1163 ζ Per group. Binary. Combined mag, color
1165 Alcyone. Pleiades cluster
1171 van den Bos finds no companion. If companion, combined light
1172 Pleiades cluster
1174 Cas-Tau group. Binary
1175 SB 1911.5 days
1177 ζ Per group. SB
1178 Atlas. Pleiades cluster
1180 Pleione. Pleiades cluster. SB. Irregular var 4.9 - 5.5 p
1183 Pleiades cluster
1188 D 63.48 yrs, a = 0".472
1189 Binary with 1190. V and B - V for combined light, 4.26 and -0.02
1190 See 1189
1191 ζ Per group, II Per Ag
1195 In Ursa cluster; Sirius group?
1201 In Taurus cluster
1203 ζ Per group, IC 348, II Per Ag. ADS 2843 AB cpm. Component D, 9.3, 92" optical
1205 8.6A0 cpm
1208 Hyades group
1209 ζ Per group, II Per Ag. ADS 2859A is RW Aur type var, X Per, 6.0 - 6.6 v.
1210 Hyades group. SB 30.4338 days. Two spectra
1211 Binary with 1212. V and B - V for combined light, 4.46 and +0.68
1212 See 1211
1215 ζ Per group
1219 Combined mag, color. Third component discovered by Finsen, Δm 0.0, 0".107
1220 Cas-Tau group, I Per Ag. ADS 2888 AB cpm, 8.3 B8. Two spectra
1228 ζ Per group, II Per Ag
1233 In Taurus cluster
1238 In Taurus cluster. SB
1239 Radial velocity oscillations in two periods, 3.952941 days and 30.0 days. Algol type var, 3.5 - 4.0 p, 3.953 days
1240 SB 5.95367 days
1244 Cas-Tau group
1253 Cas-Tau group
1254 In Taurus cluster
1260 Cluster H VII 47. ADS 2984A is β Lyrae type var, SZ Cam, 7.0 - 7.3 p, 2.6984166 days. Component B is 7.07B0n. AB 7.04: 7.07, 18" fixed
1266 ζ Her group
1273 Cas-Tau group, I Per Ag
1278 cpm with GC 4949 at 12'. This companion is binary, 7.3dK2:9.0, 1".
1279 In Taurus cluster. cpm, 8.8dG8, 11"
1292 In Taurus cluster
1303 ADS 3071AB cpm. Component C, 10B8, 84". A is SB 283.272 days.
1306 SB 1576 days
1308 ADS 3063B 12^m, 7". Component C, 12^m, 55" optical
1309 D 7.2 yrs, a = 0".14
1311 ADS 3072AB binary. Component C, 12^m, 32" optical
1318 ADS 3079 AB, 9.0G2V, 6" binary
1319 In Taurus cluster
1320 Cas-Tau group
1321 cpm with 1322
1322 cpm with 1321

1324 In NGC 1545. SB 1.52738 days. Two spectra. Elliptical var 4.60 - 4.66 p, 1.52732 days
1325 ADS 3093A-BC cpm. BC, 9.2WA:11.0dM4e, binary, period 247.92 yrs, a = 6".8945
1327 In Ursa cluster; Sirius group
1329 SB 5300 days
1331 In Taurus cluster
1333 Cas-Tau group
1339 cpm with 1341
1340 optical. Combined mag, color
1341 cpm with 1339
1346 In Taurus cluster
1347 Binary? Primary SB 5.0105 days. Two spectra
1351 In Taurus cluster. SB
1354 In Taurus cluster
1356 In Taurus cluster
1357 Binary. Combined mag, color
1358 In Taurus cluster
1364 cpm, companion G0
1366 ADS 3152 B optical, 13.0^m, 36"
1368 In Taurus cluster. SB 2.14328 days
1373 In Taurus cluster
1374 ADS 3159AB, 6.5:6.7 period 76.92 yrs, a = 0".50. Component D, 8.6G0, 45" cpm. Component C, 12^m, 37" optical. Combined mag, color of AB
1376 In Taurus cluster. SB 8.4178 days
1378 ADS 3179AB cpm, 8.0A0
1380 In Taurus cluster, Hyades group
1381 U Ma stream. D 51.6 yrs, a = 0".18
1383 In Ursa cluster? Sirius group
1385 In Taurus cluster
1387 In Taurus cluster, Hyades group. Field of faint double ADS 3201
1388 In Taurus cluster, Hyades group. Field of faint double ADS 3201
1389 In Taurus cluster. 4.2:8.3, 1".5 binary. ADS 3206, B, 11^m, 77" cpm
1391 In Taurus cluster
1392 In Taurus cluster
1393 Hyades group
1394 In Taurus cluster. SB
1395 ζ Her group
1398 Probably optical. Combined mag, color
1401 Hyades group. SB 4.195 days
1403 In Taurus cluster. SB
1405 Binary. Mag may include light of companion.
1406 ADS 3243 AB binary
1408 In Taurus cluster
1409 In Taurus cluster
1411 In Taurus cluster
1412 In Taurus cluster. SB 140.751 days
1414 In Taurus cluster
1417 ADS 3274 AB binary
1422 In Taurus cluster. D 170 yrs, a = 1".029. Component A is SB.
1427 In Taurus cluster, Hyades group
1428 In Taurus cluster
1430 In Taurus cluster
1432 In Taurus cluster. SB
1436 In Taurus cluster
1442 Binary. No change after 113 yrs
1444 In Taurus cluster, Hyades group. SB 448.5 days. Two spectra
1448 In Ursa cluster; U Ma stream?
1449 cpm. Combined mag, color
1454 SB 6270 days
1455 Doubtful if actually visual double. SB
1457 Aldebaran. Hyades group? ADS 3321 AB binary, component B is 13.5dM2, 31". CD 122" from A, 11.2:13.6, 2", is also binary but independent of AB.
1458 cpm. Component A is SB 3.571082 days
1459 In Taurus cluster
1460 cpm. Component B, 7.66 A0
1463 Rad vel period 0.19 day. β C Ma var 3.4 - 3.6 p, 0.1735089 day
1466 ADS 3358 AB is binary and forms a triple system with C, 7.3^m, 1".5. AB, 26.25 yrs, a = 0".18; AB - C, 425.0 yrs, a = 1".38. Component D, 13.2, 24" is optical.
1467 ADS 3359A is SB 121 days.
1469 Suspected PEP var, 0.08 V
1472 In Taurus cluster
1473 In Taurus cluster. SB
1478 SB 251.205 days
1479 Hyades group and cluster. Two spectra
1480 In Taurus cluster
1492 γ Leo cluster. Semi-regular var 7.1 - 8.1 p, 338? days
1496 Probably not double
1497 Cas-Tau group. SB 1.5047 days
1504 D 552.30 yrs, a = 3".164
1505 cpm with 1506
1506 cpm with 1505. SB
1507 In Taurus cluster
1519 In Taurus cluster
1520 Cas-Tau group. SB
1528 SB 7.0507 days
1542 In Cluster NGC 1502
1547 In Taurus cluster
1551 Sirius group
1552 Orion Ag. SB 9.5191 days
1554 Hyades group
1557 Optical. Combined mag, color
1563 cpm with 1564. Combined mag, color are 5.24 and +0.34. 1563 is SB.
1564 See 1563
1566 In Taurus cluster
1567 Orion Ag. SB 3.70045 days. Elliptical var 3.6 - 3.65 p, same period
1568 U Ma stream? ADS 3536 AB binary of which component A is SB 3.8846 days. Component C, 11^m 26" cpm
1580 ADS 3540 AB optical
1581 Var? 5.4 - 6.0 v
1592 ADS 3572 AB binary
1594 Hyades group
1600 ADS 3579 AB fixed. B is 8.0B9.
1604 ADS 3588 AB binary 56.0 yrs, a = 0".555. Component C, 8^m, 54" optical
1605 ADS 3605 A is the eclipsing variable ϵ Aur, 3.73 - 4.53 p, 9883 days. Also SB 27.08 yrs. This forms a visual binary with B, 14^m, 29".
1607 Mira type, 5.9 - 10.5 v, 432.47 days

1609 Fixed with 1610
1610 Fixed with 1609
1611 Var 4.8 - 5.7 v
1612 SB 973 days. Algol type var 5.0 - 5.6 p, 972.176 days
1616 Hyades group
1619 ADS 3623 AB, 6.75B8:7.4A, 14″ binary. BC also binary, 11^m, 0″.5
1620 Hyades cluster
1622 Optical pair with 1623
1623 Optical pair with 1622
1630* HR mag 6.31 should have been 7.31.
1637 Three components, ADS 3675 ABC cpm; component D optical. Component A is SB, 391.8 days.
1641 Cas-Tau group
1648 Semi-regular var 8.6-11.1 p, 212 days
1656 D 5.32 yrs, a = 0″.110
1657 SB 5.52242 days. Two spectra
1659 Cas-Tau group. SB 58.31 days
1660 Cas-Tau group
1664 D 162.78 yrs, a = 1″.04. Shares proper motion with GC 6270, a binary 9.3:9.3 K2, 3″ at 348″
1666 Sirius group
1668 Hyades group
1670 Hyades group and cluster. ADS 3730 A cpm with binary BC, 8.7dG7:9.2, 0″.4
1672 Hyades cluster
1683 SB. Two spectra
1686 Optical companion dF5
1690 Orion Ag. Binary
1693 Irregular var 5.9 - 7.0 v
1696 cpm. Combined mag, color
1698 ADS 3797AB fixed. Combined mag, color. Component A is SB 1031 days.
1701 ADS 3799 AB binary, period several centuries
1705 cpm. Combined mag, color
1706 ADS 3824 AC binary. Component B is 11^m, 13″ optical. Component A is SB 3.789 days.
1707 Binary of which component A is Mira type variable R Aur, 6.7 - 13.7 v, 458.89 days. Component B is G0.
1708 Capella. Hyades group. Capella is ADS 3841A, SB 104.922 days. Interferometer measures of ADS 3841 Aa, 0.9G4:1.0F4 give same period and a = 0″.05360. Combined mag, color. cpm with ADS 3841 H, 10.0M1:13.7M5, 2″ at 723″ from A
1712 ADS 3843 A is irregular variable, AE Aur, 5.4 - 6.1 v.
1713 Rigel = ADS 3823 A. SB 9.860 days. Fixed with ADS 3823 BC, a binary 7.6:7.6B5, 0″.4 at 10″
1719 Cas-Tau group
1724 Orion Ag
1726 cpm. ADS 3872 A is SB 434.8 days.
1728 Possible cpm with 1732. SB 4.134581 days. Algol type var 5.82 - 6.49 p, 4.13466057 days
1729 ϵ Ind group
1732 Possible binary with 1728
1736 Fixed. Companion spectral class A
1741 cpm. Companion G1IV-V
1747 ADS 3899 A is SB. Component B optical
1748 Orion Ag. SB
1749 Cas-Tau group
1750 SB 5.43373 days
1752 SB 2.15165 days. Two spectra
1753 Fixed with 1754
1754 Fixed with 1753
1761 Orion Ag
1763 Orion Ag
1764 Orion Ag
1765 Orion Ag
1770 Orion Ag. Fixed 5.1B3:7.2A. Combined mag, color
1771 ADS 3954 AB binary, 6.67A3. C, optical companion 9.2K0, 61″
1772 Shell star
1773 ADS 3984 AB fixed
1779 cpm. Companion F6V
1781 Orion Ag
1782 ADS 3991 binary in which the companion is itself binary. BC, 6.5:7.3, 37.0 yrs, a = 0″.19
1786 Orion Ag
1788 Orion Ag. ADS 4002 AB binary. SB. Two spectra. Rad vel varies in two periods, 7.98922 days and 9.2 yrs. β Lyrae type var 3.20 - 3.35 p, 7.98926 days
1789 Orion Ag
1790 Bellatrix
1791 β Tau is also γ Aur
1794 Near open clusters NGC 1907 and 1912
1803 Orion Ag
1804 I Aur Ag
1806 Orion Ag
1808 Cas-Tau group
1810 Cas-Tau group. The three companions, 11.7^m, 39″; 11.2^m, 60″; and 12.4^m, 75″ all possibly have the same motion as the primary.
1811 Orion Ag. ADS 4039 AB fixed. A is SB 2.52588 days. Two spectra
1812 Companion F5. Combined mag, color
1818 6.9:7.2, 0″.2 binary. Third component 6.8A0, 38″
1820 Orion Ag
1821 ADS 4068 AB binary. B - V includes both components. Component C, 12^m, 141″
1824 λ 4150 star
1825 Companion K0
1827 Separation measured by van den Bos
1829 ADS 4066 AB binary 11^m, 3″
1833 Orion Ag
1834 cpm. Companion F7V
1837 Semi-regular var 6.2 - 6.6 v, 120? days
1839 Orion Ag; Cas-Tau group. D 586 yrs, a = 1″.293
1840 Orion Ag
1841* Nova T Aur 1892 was 4.2^m at max.
1842 Orion Ag. Fixed
1843 I Aur Ag. SB 655.16 days
1845 Semi-regular 6.1 - 6.5 p, 165 days
1847 ADS 4143 AB fixed. Component A is SB

1848 Orion Ag
1851 cpm with 1852
1852 Orion Ag. ADS 4134 A is Algol type δ Orionis, 2.4 - 2.55 p, 5.732476 days. Binary with 1852 = ADS 4134 C. Component A also SB 5.732476 days = period of light var. The first spectroscopic binary in which stationary lines were observed. Component B, 13.5^m, 33″
1855 Orion Ag
1861 Orion Ag. cpm. Combined mag, color
1863 Orion Ag. All components cpm? ADS 4150 CD binary, 8.9B8:9.7, 0″.8 at 30″ from A
1868 Orion Ag. SB 1.48540 days and 120 days. β Lyrae type var 5.14 - 5.51 p, 1.48537867 days
1871 Orion Ag
1872 U Ma stream?
1873 Orion Ag
1875 Cas-Tau group
1879 In Cluster Cr 69. ADS 4179 A, B, C fixed. Component B is 1880. V and B - V for combined light, 3.39 and -0.19
1880 See 1879
1886 Orion Ag. Fixed with 1887
1887 Orion Ag. Fixed with 1886
1890 Orion Ag
1891 Orion Ag
1892 Orion Ag. Binary
1893 Orion Ag. A Trapezium star. Distance from 1895 fixed, 13″
1894 Orion Ag. A Trapezium star. Distance from 1895 fixed, 17″. ADS 4186B is Algol type var, BM Ori, 8.0 - 8.7 v, 6.47055 days. Also SB
1895 Orion Ag. A Trapezium star. SB
1896 Orion Ag. A Trapezium star. Distance from 1895 fixed 13″
1897 Orion Ag. ADS 4188 AB 6.5B1V, 52″ fixed. Component A is SB 21.0315 days.
1898 Orion Ag. cpm
1899 Orion Ag. ADS 4193 AB 7.4B8, 11″ fixed. Component A is SB 29.136 days.
1900 Orion Ag
1902 ADS 4208 AB binary
1903 Orion Ag. In Cluster NGC 1980
1906 Orion Ag
1910 Cas-Tau group. SB 133.0 days. Shell star
1911 Orion Ag. cpm. Combined mag, color
1912 Double companion is optical.
1913 Orion Ag
1914 ADS 4229 AB binary 53.2 yrs, a = 0″.135. C is 8.6F0V, cpm
1917 SB 180.8757 days
1918 Orion Ag
1922 SB 9.8 days. Cepheid, 4.5 - 5.7 p, 9.84235 days
1923 Orion Ag
1924 Cas-Tau group. SB
1925 Companion M1, cpm
1928 Cas-Tau group. SB 27.864 days
1929 SB. Two spectra
1931 Orion Ag. ADS 4241AB 3.9:5.9, 0″.3 binary. cpm with D and E = 1932. V and B - V for component D are 6.62 and -0.20, 13″ from A.
1932 Orion Ag. cpm with 1931 at 42″, q.v.
1933 Orion Ag
1934 Orion Ag
1944 Five companions brighter than 10^m within 130″
1945 cpm. Component B is 7.45 A0. Component A is SB.
1946 Cas-Tau group. Binary
1948 Orion Ag. Binary with 1949. Combined V and B - V are 1.74 and -0.21.
1949 Orion Ag. See 1948
1950 Orion Ag
1952 Orion Ag. SB 27.160 days
1961 Cas-Tau group
1967 ADS 4299 AB 20.57 yrs, a = 0″.210. SB
1971 U Ma stream
1977 Semi-regular var, 10.1 - 12.2 p, 240.9 days
1978 Double companion 9.5:13.0, 1″.3 at 17″ is optical.
1982 Sirius group. cpm with 1983
1983 Sirius group. cpm with 1982
1986 cpm. Companion G0IV. Combined mag, color
1993 Cas-Tau group
1995 Ursa cluster? U Ma stream?
1997 ADS 4392AB, 6.2:7.8, 0″.6 binary. Component C, 7.2A0, 75″ cpm. Component A is SB.
1999 Binary. Companion F0. SB
2004 Orion Ag
2021 cpm. Combined mag, color
2022 61 Cyg group
2027 SB 2.93317 days. Two spectra. β Lyrae type var, 5.0 - 5.2 v, 2.933229 days
2031 Orion Ag
2034 ADS 4471. Existence of visual companion not confirmed. SB 5.969 days. Two spectra
2040 61 Cyg group
2047 In Ursa cluster, Sirius group?
2052 Cas-Tau group. SB 7.8271 days
2053 11.6^m, 19″ optical. Third component 12^m, 45″
2058 Orion Ag
2061 Betelgeuse = ADS 4506 A, semi-regular variable 0.4 - 1.3 v, 2070 days and SB 5.8 yrs. The first star whose angular diameter was measured with the interferometer. Component D, 13.5, 77″, is optical.
2063 Mira type, 5.3 - 12.6 v, 372.23 days
2065 ε Ind group
2067 All companions optical
2074 I Gem assoc
2084 I Gem assoc
2088 In Ursa cluster, Sirius group. ADS 4556 AB binary. Component A is Algol type var 1.92 - 2.01 p, 3.9600421 days and SB 3.960027 days. Two spectra. One of the first spectroscopic binaries discovered, by Antonia Maury in 1890

2094 Hyades group
2095 ADS 4566 AB binary, 7.2 G, 3″; C, 11m, 49″ optical
2096 ADS 4576 AB, 11m, 2″ probably binary; component C, 9.2K0III, 35″ optical
2099 Binary. HD spectrum composite G5, A5
2102 ϵ Ind group
2107 Suspected PEP var 0.26V, 0.38 B
2108 SB 9.3553 days
2111 I Gem assoc
2114 6.35K2:7.4K0. Combined mag, color
2123 ADS 4633 BC 9.0:10.0, 0″.5, cpm with A
2124 ADS 4617 AB, 17.5 yrs, a = 0″.266. Third component optical. Component A is SB 4.44746 days.
2128 Binary. Component A is SB.
2130 SB. Two spectra
2132 Hyades group
2134 D, 13.17 yrs, a = 0″.19. SB 9.590 days
2135 I Gem assoc
2143 SB 28.28 days. Two spectra
2146 cpm. Companion F7V
2148 Shell star
2156 Semi-regular var, 7.1 - 8.9p, 90 days
2157 cpm with the binary 2158
2158 Binary. cpm with 2157
2159 Cas-Tau group. SB 131.26 days
2173 I Gem assoc. ADS 4751 AB binary. Combined mag, color
2174 ADS 4749 AB cpm
2175 Hyades group. Binary with 2176
2176 Hyades group. Binary with 2175
2186 D 18.95 yrs, a = 0″.225
2190 Semi-regular var 8.7 - 9.5p, 182 days
2197 Irregular var 6.1 - 7.5v
2198 Cas-Tau group. SB
2199 Cas-Tau group
2214 Binary. SB
2216 Binary. ADS 4841A is semi-regular variable 3.1 - 3.9v, 233.4 days; SB 2983 days.
2217 ADS 4849 AB cpm. B is 6.93dF0.
2220 ADS 4842 AB, 12m, 32″, optical
2228 U Ma stream?
2230 U Ma stream?
2240 I Gem assoc. In cluster Cr 89
2247 Finsen gives one component not in ADS, separation 0″.1.
2253 A triple system: ADS 4901 AB, 6.0: 13.0, 2″ binary; AC, 12.4, 25″ binary
2254 Optical. Combined mag, color
2257 ADS 4950 AB binary
2263 ζ Herculis group
2264 SB 6.5013 days
2274 Optical companion F8
2280 Orbit ambiguous: 75.07 yrs, a = 0″.3589; 28.000 yrs, a = 0″.5202; or 240 yrs, a = 0″.62
2282 SB 675 days
2284 ADS 4878 AB cpm
2289 Probably irregular var 6.6 - 7.2p
2291 Sirius group? SB 9.944 days. Algol type var 5.6 - 6.0p, 9.945025 days
2292 Cas-Tau group. SB
2293 ADS 5036 AB, 6.0:10.5, 31″; Component C, 8.5G8III, 97″
2294 Radial velocity varies in two periods, 0.25 and 49 days.
2296 In Ursa cluster? Sirius group. SB 868.78 days
2298 Binary with 2299. Companion 12.2m, 94″. V and B - V for combined light of 2298 and 2299 are 4.30 and +0.21.
2299 See 2298
2308 Irregular var 9.0 - 9.7p
2309 cpm. Combined mag, color
2310 Cepheid 6.4 - 7.96p, 27.0205 days
2326 Canopus
2332 Cepheid 5.3 - 6.5p, 3.728261 days
2343 Hyades group. ADS 5103 A is SB, 9.6 years. Component B, 8.5A0, 113″is itself a binary, 0″.2. Component a, 15m, 23″ optical
2356 Triple system with 2357 and 2358. ADS 5107 AB, 7″; BC 3″. V and B - V refer only to ADS 5107A. Combined light and color for BS 2356-7-8 are 3.74 and -0.15.
2357 See 2356
2358 See 2356
2366 ADS 5146 AB, 9.9K0V, 8″ binary; C, 11.5, 43″ optical
2370 Binary. Companion A5
2372 SB 2.5250144. Two spectra. Algol type var 5.7 - 6.43p, 2.52501906 days
2377 Hyades group
2382 In cluster NGC 2244, Mel 47
2384 Components CD, 9.7:9.8, 0″.5 have cpm at 13″ with the binary AB, 6.0: 6.1, per 50.0 years, a = 0″.46.
2385 I Mon Ag. In cluster NGC 2244
2387 β C Ma type var 4.3 - 4.36v, 0.209574 days
2392 BaII star
2397 Companion 7.7A0
2405 Semi-regular var 8.2 - 10.0p, 235? days
2419 Hyades group
2422 I Mon Ag. SB 14.414 days
2423 cpm. Companion 7.9 G0
2424 6.0:6.8, 1″ binary; third component 11.5m, 21″
2431 Binary. Combined mag, color
2432 I Mon Ag
2443 U Ma stream
2456 In cluster NGC 2264.ADS 5322AB, 6.0 0e5:8.8B7, 3″ binary. Component A is the irregular var, S Mon, 4.2 - 4.6p.
2462 Binary. Companion 8.31 A0. Combined mag, color
2470 ADS 5400ABC a triple system: AB 5.2: 6.1, 2″ binary; C, 7.4 at 9″
2472* Nova Geminorum 1903, 4.8 pg at max
2473 Companion K2
2483 Companion orange
2485 cpm with 2486: hardly any change in 110 yrs. ADS 5436B is SB.
2486 See 2485
2491 Sirius. Sirius group. ADS 5423 B is first white dwarf discovered, 8.5 F, 7″.6. ADS 5423 AB, 49.975 yrs, a = 7″.623. Also SB

2496* Cluster NGC 2281
2509 In Cluster NGC 2287
2520 ADS 5514AB binary, 614.3 yrs, a = 0".846
2528 ADS 5498 AB binary
2530 cpm. Combined mag, color
2539 ADS 5534 AB fixed
2553 SB 1066.0 days
2554 SB 195.32 days
2556 Hyades group
2560 ADS 5586 AB binary; C, 13^m, 29" optical; D, 9.5^m, 207"
2564 ADS 5559 AB 5.4:7.7dG4 binary, 3190 yrs, a = 9".550. Component A is SB.
2585 Sirius group
2588 Component B, 9.3K5
2590 cpm. Combined mag, color
2593 ADS 5605 AB fixed. Combined mag, color
2596 Sirius group?
2612 D 16.70 yrs, a = 0".216. Combined mag, color
2628 Finsen gives third component not in ADS, 0".13.
2644 Hyades group. ADS 5746 AB binary
2650 ADS 5742 A is Cepheid var 4.4 - 5.2p, 10.15172 days. Rad vel has same period.
2662 61 Cyg group
2666 Hyades group. Two spectra
2667 cpm with 2668 and third component, 9.2K2, 200". V and B - V for combined light of 2667-8 are 5.27 and +0.66
2668 See 2667
2671 Mira type var 6.0 - 14.0v, 369.93 days
2672 Hyades group
2677 AB, 6.32:7.4, 5" binary. cpm with C, 10^m, 38"
2684 ADS 5812 B, 10^m, 6" optical
2697 ADS 5846 AB cpm
2700 Hyades group
2711 ADS 5871 AB binary 120.4 yrs, a = 0".870; C, 12^m, 16" optical
2717 Var 6.8 - 7.2p
2719 61 Cyg group
2733 Companion 8.3 A5. Combined mag, color
2735 Binary with 2736. V and B - V for combined light with 2736 are 3.61 and +0.91. BS 2735 is SB.
2736 See 2735
2739 In Cluster NGC 2353
2742 Semi-regular var 6.4 - 6.7p, 237 days
2747 Suspected PEP var 0.05v
2748 h3943A is the semi-regular var, L_2 Pup, 2.6 - 6.0v, 140.83 days. Component B, 9.5^m
2753 In Ursa cluster?
2763 U Ma stream? cpm
2764 ADS 5951B, dF0, optical. Tabulated V and B - V refer to A only; the values for component B are 6.01 and +0.49.
2777 Binary. Companion dK6
2781 SB 4.39351 days. β Lyrae type var 4.5-4.8p, 4.3934 days
2782 In Cluster NGC 2362. Finsen gives a component not listed in ADS, 0".16. The primary is SB 154.80 days. Component B, 10^m, 8" fixed
2783 Binary with 2784. Both stars SB
2784 See 2783. SB 2.25960 days. Two spectra
2788 SB 1.135939 days. Algol type var 6.24 - 6.84p, 1.135938 days
2793 ADS 6009 B, 12.3^m, 11" cpm; C, 12.7^m, 42" optical
2795 ADS 6016 B, optical
2813 Binary with 2814. V and B - V for combined light are 5.51 and +0.46.
2814 See 2813
2828 U Ma stream
2844 ADS 6095A, 5.6:10, 1" binary. Component B, 11^m, 17" cpm
2846 ADS 6089B 9.5, 43" cpm. Primary SB 1.93265 days. Two spectra
2852 ADS 6109 AB 12.5^m, 3" cpm
2854 SB 389.0 days
2857 Hyades group
2859 ADS 6104 ABC fixed. Component C, 8.6B8V? Mag, color for combined light
2868 ADS 6126 AB binary. Component C, 11.5M0, 21" cpm; D, 12^m, 42" optical
2878 cpm. Component B, 9.4G5V. Combined mag, color. Primary SB 257.8 days
2879 cpm. Companion 8.4F8V
2890 Binary with 2891, q.v.
2891 Castor. Binary with 2890, ADS 6175 AB, 380 yrs, a = 5".941. Combined V and B - V, 1.59 and +0.04. Component C is eclipsing variable YY Gem, dMle, cpm. All three components A, B, C are SB. A, Castor SB 9.21280 days; B = 2890, SB 2.928318 days; C, SB 0.814266 days agreeing closely with the period of light variation. Component C, two spectra
2896 ADS 6185AB binary
2909 Binary with 2910. V and B - V for combined light, 5.08 and +0.45
2910 See 2909
2921 In Cluster NGC 2422. Fixed. Combined mag, color
2943 Procyon. ADS 6251 AB, 1.0:13.5, binary, 40.65 yrs, a = 4".548. Component C, 12.2^m, 81" optical. Binary first discovered in 1840 from variable proper motion; companion first seen in 1896. Procyon is also SB, 40.23 yrs.
2948 Binary with 2949 at 10". Third component, 13.8^m, 6" optical. V and B - V for combined light are 3.82 and -0.16.
2949 See 2948
2950 Binary. Also SB
2962 SB 31.50 days. Two spectra
2967 U Ma stream
2973 SB 19.605 days
2979 Binary with 2980. V and B - V for combined light are 6.33 and -0.02.
2980 See 2979
2981 SB. Two spectra
2990. Pollux. None of the companions is physically related to Pollux.
2996 SB 137.767 days
3009 Binary with 3010

3010 Binary with 3009
3013 ADS 6364 B, 11^m, 22″ optical
3029 Binary. Companion dG3
3030 γ Leo group
3050 γ Leo group. Binary
3055 Companion 9.1K0
3064 U Ma stream? D 23.18 yrs, a = 0″.58. Also SB 23.34 yrs
3079 Hyades group? Binary
3080 SB 2660 days
3098 D 57.04 yrs, a = 0″.440
3119 SB 11.0764 days. Two spectra
3129 Component A is β Lyrae type, V Pup, 4.74 - 5.25p, 1.4544877 days; also SB 1.4545 days. Two spectra, relative velocity 610 k/s
3131 Sirius group
3142 cpm with 3143
3143 cpm with 3142
3147 In Cluster NGC 2516
3157 Fainter component 8.2B8. Primary SB
3164 Binary. B - V is for combined light.
3165 In Cluster Cr 173
3167 SB 18.722 days. Two spectra
3174 ADS 6588BC double, 7.9A0:12. Combined mag, color
3177 B is 8.4A. Component C, 11^m, 14″ from B
3185 β Scuti type var 2.68 - 2.78v, 0.141 day
3186 Companion K0
3188 ADS 6617 B, 10.7G8II, 32″ optical; C, 8.5K2III, 67″. Combined mag, color
3202 Hyades group
3206 Double with 3207. 3206 SB
3207 Double with 3206. Mag and color blended with other companions
3208 With 3209 = ADS 6650 AB, binary 59.60 yrs, a = 0″.949. BS 3210 in orbital motion about AB at 5″
3209 See 3208
3210 See 3208. ADS 6650C has invisible companion, per 18 yrs.
3215 15 Cnc is also ψ Gem
3217 SB orbit
3223 SB 14.16833 days
3232 Cepheid, 5.83 - 6.44p, 4.227171 days
3236 ADS 6724 B is F0
3239 SB. Two spectra
3243 SB 930 days
3248 Mira type var 6.2 - 11.8v, 362.06 days
3278 D 435 yrs, a = 0″.654
3279 Sirius group. Combined mag, color. SB
3281 ζ Herculis group
3297 SB 1.562975 days
3301 cpm with 3302. SB. Two spectra
3302 cpm with 3301
3310 Binary with 3311. B - V for combined light +0.18
3311 See 3310
3312 Binary with 3313, ADS 6811 AB, 21.8 yrs, a = 0″.17
3313 Binary with 3312, q.v. ADS 6811 BC also binary, 8.0:8.0, 0″.2
3315 ADS 6800 B, 9.0K1 III optical
3323 ADS 6830 AB, 15^m, 7″ cpm
3324 ζ Herculis group
3327 Binary with 3328
3328 Binary with 3327
3337 ADS 6828 AB, 7.0:7.1, 0″.4 binary; C, 11^m, 18″ binary about AB
3343 Third component by Finsen, 0″.13. Innes pair optical. Combined mag, color
3352 cpm. Component A is SB 4.285 days
3358 7.7^m, 4″ binary. Third component by Finsen, 0″.11. Combined mag, color. Primary SB
3369 ε Ind group
3381 D 125.8 yrs, a = 0″.56
3387 Hyades group
3391 Sirius group
3395 cpm with 3396, ADS 6886 AB. Combined V and B - V, 5.60 and +0.56. ADS 6886A is SB, 14.296 days.
3396 See 3395
3427 In Praesepe, NGC 2632. A physical group: 6.6A1, 150″; 9.2F5, 134″ and 8.5F2, 135″
3428 In Praesepe. A physical group: ADS 6921 AC, 7.7 Am, 63″; Component D, 9.3F5V, 83″. B is 9^m G0IV-V, 21″, cpm.
3429 In Praesepe. SB. Two spectra
3430 ADS 6914AB, binary, 214 yrs, a + 1″.9. Primary SB
3434 D 54.0 yrs, A = 0″.4767. Combined mag, color
3441 U Ma stream? Optical pair
3442 cpm? Primary SB
3447 In Cluster IC 2391
3449 Hyades group. SB
3462 In Cluster IC 2395
3464 U Ma stream
3466 Binary with 3467. Combined mag, color
3467 See 3466
3472 ADS 6977 AB binary. Component B is 7.3dF3.
3474 Binary with 3475
3475 Binary with 3474
3482 ADS 6993 AB, binary 15.04 yrs, a = 0″.21; Component C, 7.8dF7, 3″ is SB 9.9047 days. Component D, 13^m, 20″ cpm
3485 In Ursa cluster? Binary with 10^m, 69″ cpm double companion
3492 cpm. Primary is SB 8.2 days.
3501 In cluster Tr 10
3512 In Ursa cluster; Sirius group
3515* Cluster M67 = NGC 2682
3522 Hyades group. cpm
3523 ADS 7050 AB binary. Other components optical. Component A is SB.
3532 ADS 7071 AB binary. Component B is K0
3541 Semi-regular var 9.3 - 10.9p, 170? days
3542 Binary. Combined mag, color
3546 Hyades group
3551 SB. Two spectra
3552 Binary with 3553. B-V for combined 3552-3
3553 Binary with 3552
3569 D 39.0 yrs, a = 0″.68. Binary of which the companion, BC, dM1, is itself double.

3572 Sirius group? Binary
3574 SB 0.91470 day
3579 Hyades group. D 22.20 yrs, a = 0".61
3581 SB. Two spectra
3582 Fixed. Component B is 7.5B8.
3587 ADS 7137 AB fixed
3588 Hyades group
3590 cpm. Companion 7.8F3 IV
3591 SB 74.1469 days
3594 D 57.5 yrs, a = 0".27
3595 Sirius group?
3615 Sirius group. SB. Two spectra
3616 ADS 7203 AB binary 1067.1 yrs, a = 6".20 or 705.9 yrs, a = 4".917
3617 ADS 7187 AB, 7.2dF3, 8", binary. Component C, 13^m, 28" optical
3622 Binary. Combined mag, color
3623 SB 6.39316 days
3624 Optical double. Primary is SB.
3626 SB 19.4589 days
3639 Semi-regular var 6.2 - 7.2p, 120 days
3644 10.5:10.8 double, 0".3, cpm? Combined mag, color. Primary SB
3648 SB 16.2382 days
3659 Sco-Cen cluster. SB 6.744 days. Two spectra
3661 Third component by Finsen, 0".116. Combined mag, color
3662 Sirius group
3665 ADS 7253 AB optical. Primary SB
3671* Globular cluster NGC 2808
3676 Sirius group? SB 15.986 days
3680 Binary. Combined mag, color
3681 Binary. SB 922 days
3690 ADS 7292 AB binary
3697 ADS 7303 AB binary
3701 ADS 7307 AB binary 389.05 yrs, a = 1".516 or 220.1 yrs, a = 1".46
3704 γ Leonis group? Binary
3709 ADS 7311 AB cpm. Component B 6.87F5V. Component C, 9.0K2V, 10" from B, a physical pair
3712 Third component by Finsen, Δ^m, 0.0, 0".121
3720 5.7:6.8 binary; 10^m, 7" cpm?
3724 D 15.0 yrs, a = 0".166
3725 cpm. Primary SB
3731 ADS 7351, 10^m, 3" binary
3734 SB 116.65 days
3744 All three components cpm. Combined mag, color
3748 Alphard
3752 Hyades group. cpm. Combined mag, color
3754 D 119.25 yrs, a = 0".815
3757 Sirius group? ADS 7402 AB binary. Component C, 10^m, 96" optical
3759 65" cpm. Combined mag, color
3779 Primary SB. Spectrum of companion F5
3780 Binary with 3781
3781 Binary with 3780
3786 D 34.11 yrs, a = 0".920
3798 SB 0.64833872 days. W U Ma type var 6.80 - 7.31p, 0.648345 days
3803 N Vel not a nova; probably not variable
3806 Binary. Spectrum secondary, F0
3811 ADS 7438 AB fixed? Component B is 8.1F5. Primary SB
3815 Binary. Companion has not been seen in 10 yrs.
3816 Double star φ 140; component A is long period variable R Car, 3.9 - 10.0V, 308.63 days. Companion 12^m
3818 cpm. Companion F8
3834 ζ Herculis group?
3842 Ba II star
3844 cpm. Combined mag, color
3852 SB 14.4980 days
3854 SB. Two spectra
3863 D 10.30 yrs, a = 0".177. Primary is SB
3865 Binary. Primary SB
3882 Mira type, 5.4 - 10.5v, 312.57 days
3884 Cepheid 5.0 - 6.0p, 35.556 days
3889 Binary. Primary is SB. Two spectra
3890 cpm with 3891. V and B - V for combined light are 2.96 and +0.26.
3891 See 3890
3893 SB 3.1 days
3894 D 108.9 yrs, a = 0".324
3898 Spectrum secondary, B9
3903 Sirius group
3909 ADS 7555 AB binary 78.39 yrs, a = 0".372. Companion C, 12^m, 36" optical
3912 SB 329.30 days
3916 Hyades group. Binary
3917 Var 5.1 - 6.0v, type unknown
3925 Sco-Cen cluster. Binary. Combined mag, color
3928 SB 9.283 days
3936 SB. Two spectra
3943 cpm. Two spectra
3960 In cluster NGC 3114
3963 ADS 7627 AC, 8.0A0, 22" binary. Component B, optical. Combined mag, color
3970 SB. Two spectra
3974 Sirius group
3982 Regulus. ADS 7654 AB 7.89 dK1 binary; BC, 13^m, 4" also binary; D at 217", cpm
3983 SB. Two spectra
3994 Primary, SB 1585.8 days. Visual companions both optical
3998 Sirius group. cpm. Two spectra
3999 Mira type, 4.5 - 9.9v, 149.53 days
4021 ADS 7705 AB, 7.28Am, binary
4031 Sirius group
4033 Hyades group
4039 Spectrum companion M1
4057 γ Leo group. Binary with 4058 = ADS 7724 AB, 618.557 yrs, a = 2".505. Combined V and B - V for pair, 1.84 and 1.08
4058 γ Leo group. See 4057
4062 Hyades group
4064 β Canis Majoris type? 6.4 - 6.44p
4065 cpm? Combined mag, color
4069 SB 230 days
4072 SB 11.5832 days
4074 Binary?
4085 ADS 5418 B, 13^m, 8" optical
4089 SB. Two spectra

4100 D 37.90 yrs, a = 0".39
4104 Hyades group
4110 In Cluster IC 2581
4118 SB. Two spectra
4122 ADS 7808AB. 9.9 F6V, 3" cpm; C, 9^m, 64" optical. Primary is SB.
4132 Optical companion. Primary is SB.
4134 Companion K5, optical
4135 Fixed with 4136. Combined V and B - V are 5.15 and -0.16.
4136 See 4135
4140 Shell spectrum
4141 "Dipper stars," Sirius group
4143 cpm? Companion spectrum A. Combined mag, color
4148 ADS 7837 A is Algol type var TX Leo, 5.7 - 5.8p, 2.4551 days. SB same period. Companion cpm
4153 SR var, 8.8 - 9.7p, 365? days
4157 D 211.0 yrs, a = 1".0
4163 Irregular var, 7.9 - 9.2p
4167 D 16.0 yrs, a = 0".316. Primary SB 10.210955 days
4171 SB 1200 days
4177 Fixed. Companion 8.2A. Combined mag, color
4179 Companion, spectrum B, optical. Combined mag, color
4180 Probably cpm. Companion is double, 6.62B8:11.2, 20".
4189 Companions optical
4191 Companion is GC 14751, 8.1 dG0.
4193 ADS 7902 AB, 7.4 K0III, binary. Primary SB
4195 Irreg. var, 6.0 - 6.6v
4198 In Cluster Cr. 228
4199 In Cluster IC 2602
4210 η Car, peculiar nova-like var is I 1092A, -0.8 - 7.9v.
4211 cpm with 4212
4212 cpm with 4211
4216 Sirius group? Binary
4248 SB 15.8401 days
4249 cpm. Companion G0V
4253 Hyades group
4259 Binary with 4260. B - V for combined light, +0.01
4260 SB. See also 4259.
4265 Binary. Period probably less than 100 yrs. Primary SB
4267 Irregular var 7.3-7.58 p
4271 Probably not variable
4276 Cepheid 6.43 - 8.38 p, 38.7560 days
4287 61 Cygni group
4295 "Dipper stars," U Ma cluster, Sirius group
4299 Sirius group
4301 D 44.0 yrs, a = 0".634
4314 D 5.67 yrs, a = 0".140
4322 SB 40.45 days
4347 cpm. Combined mag, color
4357 Sirius group
4369 ADS 8115AB, 12^m, 1" cpm; C, 9^m; 67" optical. Primary SB. Two spectra
4370 Precedes 4369 because 1900 position given in HR, Harvard Annals, Vol. 50 is erroneously 11.9 instead of 11.8^m.
4374 Binary with 4375, 59.74 yrs, a = 2".56. Both components SB. BS 4374 SB 3.9805 days. V and B - V for combined light are 3.78 and +0.59.
4375 SB 669.17 days. See also 4374.
4380 SB 2.5 days. Two spectra
4390 D 42.77 yrs, a = 0".275
4399 U Ma stream? D 192.00 yrs, a = 1".931 or 204.54 yrs, a = 1".960
4404 61 Cygni group
4409 Hyades group
4413 SB. Two spectra
4414 Binary. Companion is 7.6 dK5.
4418 Sirius group
4422 ADS 8175AB, 8.2 dG5, 6", binary
4430 SB 74.861 days
4437 Binary, companion 8.8 dK6
4439 D 77.350 yrs, a = 0".85
4441 Published values of V range from 5.00 to 5.18; B - V from +1.08 to +1.115. The mean values are given. Suspected of var
4453 Hyades group. Binary
4456 ADS 8220 AB binary. Component B, spectrum B6 is SB. Component C, 8.9 F5, 63". Combined mag, color
4463 ζ Herculis group
4465 ADS 8231 AB long period binary; third component, 10.8, 21", optical. Primary, SB
4476 Hyades group
4486 ADS 8250 AB binary. Component B, 8.4 dK5 is SB 23.5415 days.
4492 5.5G0:6.3A0, 0".2 and two faint companions. Combined mag, color. SB
4503 Component C, 8.37 F7V, 67" cpm
4514 Sirius group?
4523 61 Cygni group
4527 SB 71.70 days
4531 Hyades group. D 134.25 yrs, a = 0".811
4534 Denebola. ADS 8314 C, 15^m, 80" optical
4535 SB 2.7818 days
4536 SB 32.864 days
4543 Hyades group. cpm
4549 Sco-Cen stream. Combined mag, color
4550 Groombridge 1830
4554 "Dipper stars," Sirius group
4557 cpm? Combined mag, color
4560 Binary with 4561 = ADS 8347AD, 63". ADS 8347AB, 7.2:9.0, 0".3 binary; AB-C, 8.3, 4" also binary
4561 Binary with 4560, q.v.
4564 SB 6.6254 days
4573 Sco-Cen cluster
4579 Doubtful if double
4589 U Ma stream? SB
4590 SB 2.96310 days
4599 Hyades group. SB 24.4828 days. Two spectra
4602 6.0A8s:7.4dF2, 4" binary
4603 SB 3.4280 days
4615 Third component by Finsen, 7.0:7.0. 0".12. Innes pair 6.2F5:8.0A3, 9" cpm? Combined mag, color

4618 Sco-Cen cluster. cpm with 4619 and 4621
4619 Sco-Cen cluster. cpm with 4618 and 4621
4621 Sco-Cen cluster. cpm with 4618 and 4619
4623 Sirius group?
4633 Coma Ber Cluster. SB
4640 SB 461 days
4642 γ Leo group?
4645 Cepheid, 6.52 - 7.30p, 9.65869 days
4646 SB 1.2709934 days
4652 Binary. Combined mag, color. Primary, SB
4660 "Dipper stars," Ursa cluster, Sirius group
4662 Hyades group
4666 Binary. Companion F7V
4668 SB 1300 days
4677 Binary with 4678
4678 Binary with 4677
4679 Sco-Cen cluster
4684 Coma Ber cluster
4685 Coma Ber cluster
4689 SB 71.9 days. Two spectra
4694 Hyades group
4696 Optical companion. SB
4698 Binary. Companion also dF2
4707 Coma Ber cluster. ADS 8530 AB binary. Component A is SB 346.49 days. Component B is 8.5 dF8; C, 12^m, 35" optical
4708 Binary. Secondary spectrum dK5
4717 Coma Ber cluster
4719 Coma Ber cluster. D 678 yrs, a = 1".30
4725 U Ma stream?
4729 90" from 4730. cpm?
4730 Binary with 4731. SB 59.31 days. Combined V and B - V for 4730-1 are 0.79 and -0.25.
4731 Binary with 4730, q.v. SB 56 days
4733 Coma Ber cluster
4736 V appears to vary from 5.59 to 6.00.
4738 Coma Ber cluster
4746 Hyades group. SB
4750 Coma Ber cluster. SB 11.782 days
4751 Coma Ber cluster. cpm with 4752 = ADS 8568A. BC double 13.7^m, 2"
4752 Coma Ber cluster. cpm with 4751
4757 cpm. Component B is 8.36dK2. Combined mag, color
4758 D 180 yrs, a = 1".510
4766 Coma Ber cluster. α C Ma type var, 5.4 - 5.41v, 2.1953 days
4773 Sco-Cen stream
4775 SB. Two spectra
4780 Coma Ber cluster
4787 SB 0.89038 day
4791 Binary with 4792. SB 7.3366 days. Two spectra
4792 Binary with 4791
4798 Sco-Cen cluster
4800 Mira type, 6.6 - 13.4v, 256.88 days
4803 Sirius group
4804 cpm? Combined mag, color
4807 Suspected PEP var 0.06 V
4808 Mira type, 6.2 - 12.1v, 145.61 days
4819 Hyades group. D 84.50 yrs, a = 0".930
4820 Cepheid, 6.3 - 7.3p, 7.50990 days
4821 Hyades group. Binary with 4822. Third component, 11^m, 60" optical. Primary SB 1.46047 days. V and B - V for combined light, 5.26 and +0.43
4822 Hyades group. Binary with 4821. SB 44.4137 days
4825 Binary with 4826, ADS 8630AB, 171.37 yrs, a = 3".746. Component C, 14.5, 53", optical. V, B - V for combined light, 2.75 and +0.35
4826 See 4825
4827 Hyades group
4831 Hyades group
4837 U Ma stream?
4842 In Ursa cluster. Combined mag, color
4846 Semi-regular var, 8.2 - 10.0p, 158.0 days
4847 SB 38.3240 days
4853 β Crucis, a β CMa star, 1.02 - 1.08 B, 0.25 days
4855 Sirius group?
4865 Sirius group
4867 U Ma cluster, Sirius group
4868 Discordance between early HR magnitude, 5.96 and recent V determination, 6.78
4869 Hyades group. Optical companion
4873 γ Leo group
4877 ADS 8684B, 9.0^m, 30", optical
4887 In Cluster NGC 4755
4891 Hyades group
4892 cpm with 4893. SB 3.28655 days. Two spectra
4893 cpm with 4892
4894 ADS 8695 AB, 7.3F6, binary, 674.23 yrs, a = 1".897. Third component 9.0G3 IV-V, 29" cpm
4897 Sco-Cen cluster
4898 cpm with 4899. Sco-Cen stream
4899 cpm with 4898
4900 Sirius group. SB
4902 Suspected PEP var 0.05 V
4905 "Dipper stars," Sirius group. SB vel var in periods of 0.95 days and 4.15 yrs. α C Vn type var, 1.8 - 1.83v, 5.0887 days
4909 Irregular var, 7.2 - 7.7p
4914 Hyades group. Binary with 4915
4915 Hyades group. Binary with 4914, ADS 8706 A is the prototype variable of the α C Vn type, 3.0 - 3.1p, 5.46939 days
4917 ADS 8710 AB binary. SB. Two spectra
4923 SB 847 days
4925 ADS 8732 AB cpm; C, 13^m, 36" optical
4926 Hyades group
4930 Emission lines show variable radial velocity
4931 "Dipper stars," Sirius group. D 115.7 yrs, a = 1".256
4935 cpm? Combined mag, color
4940 Sco-Cen cluster
4942 cpm. SB 7.649652 days
4948 ADS 8777 B, 11.5^m, 6" cpm. The companion is itself binary, 11.7^m, 0".5
4952 cpm? Combined mag, color
4955 U Ma stream
4963 ADS 8801 B cpm

4967 ADS 8805 BC, 10^m, 1″ binary
4968 Binary with 4969, ADS 8804 AB, 25.83 yrs, a = 0″.672. V and B - V for combined light, 4.23 and +0.46
4969 See 4968
4975 5.3:5.7, 0″.3 binary and 8.4, 2″ binary. Primary SB
4990 Binary. Both components SB
4993 Component B, 8.2 A0, cpm. Primary is SB.
4998 γ Leo group. Companion optical
5001 γ Leo group
5010 Companion, GC 17977, 8.2 A2, cpm
5020 Sirius group
5034 Sco-Cen stream
5039 Possibly double
5054 Mizar. "Dipper stars," Sirius group. Binary with 5055. The first spectroscopic binary to have been discovered (Pickering, 1889). SB 20.53860 days. Two spectra. V and B - V for combined light with 5055, 2.04 and +0.02
5055 Binary with 5054, q.v. SB 361.24 days
5056 Spica. SB 4.014160 days. Two spectra. Algol type var 7.0 - 8.0p, same period
5058 Ba II star
5062 Alcor. "Dipper stars," Sirius group
5064 61 Cyg group
5074 cpm with 5075
5075 cpm with 5074
5080 ADS 8920 A is Mira type var, R Hya, 4.0 - 10.0v, 386.2 days
5084 Hyades group. SB
5085 Hyades group
5088 Binary. Primary SB
5089 D 62.6 yrs, a = 0″.155
5101 Mira type var 6.3 - 13.2v, 377.96 days
5105 Sirius group
5106 ADS 8954 AB, binary, 195.2 yrs, a = 0″.436. Third companion, 12^m, 25″ optical
5107 Hyades group
5110 SB 2.61314 days
5113 D 34.80 yrs, a = 0″.498. Third component 12^m, 45″. Combined mag, color of binary
5114 γ Leo group. 8.5 F6V, 70″ cpm
5120 Hyades group. 6.8A5 binary
5127 D 220.4 yrs, a = 1″.205
5133 Binary. Companion K3III
5138 D 63.73 yrs, a = 0″.21
5144 Binary. Companion dF8
5146 Third component by Finsen: component A, close double, 7.2:7.2, 0″.1
5147 Semi-regular var 5.5 - 9.0v, 90.60 days
5157 Third component by Finsen: component A, close double, 6.8:6.8, 0″.1
5159 ζ Her group. Binary. Companion dG5
5164 γ Leo group
5165 U Ma stream
5168 Hyades group. SB 9.94480 days
5172 SB 437.00 days
5173 ADS 9018 AB cpm. Companion at 27″ also binary, 11.6:12.8, 2″
5182 SB 36.04 days. Two spectra
5185 Binary, period several centuries. Companion M2
5190 Sco-Cen cluster. SB 2.62516 days
5191 Cas-Tau group
5193 Sco-Cen cluster. Irregular var 3.0 - 3.2p
5199 Mira type var 7.3 - 12.9v, 328.17 days
5207 cpm. Companion 7.72A3
5209 θ Cen group
5210 Sco-Cen cluster. Binary with 5211. V and B - V for combined light, 4.31 and -0.13
5211 See 5210
5214 Sirius group
5217 Sco-Cen cluster
5221 Sco-Cen cluster. Combined mag, color. SB 6.927 days
5222 AB binary. Component E, 8.5, 66″, optical
5231 SB 8.02352 days. Two spectra
5233 ADS 9053 AB binary
5235 SB 495 days
5248 Sco-Cen cluster
5260 SB 1025 days
5261 Semi-regular var 6.4 - 8.6p, 119 days
5264 U Ma stream. Optical companion, spectrum G
5285 Sco-Cen cluster
5288 θ Cen group?
5291 SB 51.38 days
5296 Companion K2
5303 SB. Two spectra
5304 SB 9.6045 days. Two spectra
5313 Optical companion. SB. α C Vn type var 4.9 - 4.97v, 0.52067 day
5317 SB 2.6960 days
5321 SB 575.24 days
5326 Component I 1240 A is Mira type var, R Cen, 5.4 - 11.8v, 546.6 days.
5328 Sirius group? Binary with 5329. SB
5329 Sirius group? Binary with 5328
5340 Arcturus
5343 Sirius group?
5350 Companion 8.8A2 cpm
5355 α C Vn type var 5.7 - 5.75p, 9.2983 days
5356 ADS 9212 AB, 13.3^m, 3″ cpm
5359 SB 1.93017 days. Two spectra
5361 SB 211.95 days
5365 U Ma stream
5371 5.06:7.0 binary. Primary SB
5373 Sirius group
5378 Sco-Cen group
5385 ADS 9247 BC 7.4:7.4 binary, 40.0 yrs, a = 0″.240. This pair and component A = 8386 also binary. Component B is SB
5386 Binary with 5385
5395 β C Ma type var 4.10 - 4.14p, 0.177365 day
5396 Binary. SB 3043 days. Combined mag, color
5397 A triple system in which the companion to ADS 9258 A is itself double, AB, 7.0: 7.0, 35″; BC 7.0:8.2, 1″.5
5409 Binary. Companion, dK0, is SB.
5413 SB. Two spectra
5414 Fixed with 5415. SB

5415 Fixed with 5414
5421 Cepheid 6.97 - 8.10p, 5.49397 days
5430 ADS 9286 C, 10.5^m, 58″ optical. AB, 5.0:14.0, 21″.5
5433 D 30.00 yrs, a = 0″.210
5435 Var 3.20 - 3.25p
5440 Components AB, cpm? Component B is 8.9A. Third component by Finsen: component A is itself double 6.3:6.3, 0″.1. Combined mag, color
5451 γ Leo group
5459 Binary with 5460, 80.089 yrs, a = 17″.665. Distant, 2°.2 cpm companion is Proxima Centauri, 14^h 22.8^m - 62° 15′, 11^m, parallax 0″.785
5460 See 5459
5463 Binary. Companion K5V
5469 Sco-Cen cluster
5471 Sco-Cen cluster
5472 SB, periods 101.56 and 3320 days
5473 Sirius group
5475 Binary with 5476. B - V for combined light, -0.02
5476 Binary with 5475. SB
5477 Sirius group? Binary with 5478, 126 yrs, a = 0″.600. Third component, ADS 9343 C is 10^m, 100″. V and B - V for combined light of AB, 3.78 and +0.04
5478 See 5477
5479 61 Cyg group
5490 Var 5.0 - 5.4v
5492 Sirius group. Binary
5497 Binary. Companion 7.2dF9
5504 D 25.0 yrs, a = 0″.312
5505 Binary with 5506. Third companion 12.3^m, 178″. Component B = 5505 is SB. Two spectra. V and B - V for combined light of 5505 and 5506 are 2.38 and +0.93.
5506 See 5505
5520 cpm? Combined mag, color
5523 ADS 9396 AB binary; AE, 12.5^m, 27″ also binary. Other companions optical
5528 Sco-Cen cluster. Binary
5530 cpm with 5531
5531 cpm with 5530
5537 Binary. Companion dG7. Both components SB
5538 Binary. Companion is SB with two spectra, 12.822 days
5541 61 Cyg group
5542 Hyades group
5544 U Ma stream. ADS 9413AB binary, 149.95 yrs, a = 4″.884. Component B is K4V. Component C optical. Combined mag, color
5553 Hyades group. SB
5558 SB. Two spectra
5559 cpm? Primary SB. Combined mag, color
5568 ADS 9946 AB binary. Component B is 8.8dM2.
5571 Sco-Cen stream. Two spectra
5576 Sco-Cen cluster
5582 ADS 9456 AB cpm. Component B is 10.2G8V. Third component 11.5^m, 164″ cpm. Companion M1
5586 SB 2.32735 days. Algol type var 4.79 - 5.93p, 2.327353 days
5589 SB 750 days. Semi-regular var 6.2 - 6.5p, 40 days?
5594 ADS 9480 AB cpm. Component C, 13.5^m, 33″ optical. No change in 74 yrs
5595 Sco-Cen cluster
5603 σ Lib is also γ Sco
5605 Binary with 5606. V and B - V for combined light are 3.88 and -0.14.
5606 See 5605
5618 D 219.5 yrs, a = 3″.609 or 253.60 yrs, a = 4″.008. Combined mag, color. Component B is SB 0.2678094 day , spectra G2 + G2. Component B also W UMa type var, 6.5 - 7.1p, 0.26781204 day
5626 D 72.88 yrs, a = 0″.4222
5627 cpm. Companion A5
5633 D 8.0 yrs, a = 0″.10. SB
5634 Sirius group
5642 Optical pair with 5643 at 34″. Companion 10.5^m, 1″.1
5643 See 5642
5644 Irregular var 8.1-9.1p
5646 cpm with 5647. V and B - V for combined light, 3.69 and -0.04
5647 See 5646
5649 Companion 7.9F8, cpm. This pair has nearly the same proper motion as BS 5646 and 5647.
5652 ADS 9532 AB cpm. The companion is itself double, 10.0:10.0, 2″. Primary SB
5659 ε Ind group. Binary. Companion 7.6dG6. Mag and color refer to primary only.
5661 Innes catalogue does not include the bright companion, 8.9^m, 1″.2.
5667 Suspected of being double
5681 cpm companion G0V
5683 Triple system. h4753 AB binary 5.1:5.3 with cpm companion 7.17A, 24.3″
5694 γ Leo group. ADS 9584 AB binary 10.0K4, 11″. Component C, 9^m, 127″. Mag and color refer to component A only.
5695 Sco-Cen cluster
5697 Probable cpm
5702 SB 3.5753 days
5705 ζ Herculis group
5708 Binary 4.0:5.5. Third component 9^m, 27″ cpm. Primary pair SB 0.901407 day. Two spectra
5712 Sco-Cen cluster
5721 U Ma stream
5723 SB 226.95 days
5727 U Ma cluster, Sirius group? Binary with 5728, 41.56 yrs, a = 0″.276. SB. Third component, ADS 9617 C, 12.2^m, 58″ optical. Fourth component 11^m, 215″. V and B - V for combined light of binary, 4.98 and +0.58
5728 See 5727
5733 cpm with the binary BS 5734, q.v.
5734 ADS 9626 BC binary 7.3:7.8, D 260.10 yrs, a = 1″.463. Combined mag, color. cpm with 5733

5735 SB 0.108449 day, variable elements
5741 61 Cyg group
5747 Hyades group. SB 10.496 yrs
5752 SB 105.8 days
5756 Hyades group. cpm companion 8.7dF5. Primary SB
5763 U Ma stream
5765 Triple system. ADS 9689 BC binary 7.9:8.1, D 57.316 yrs, a = 0".2453. This pair is binary about ADS 9689 A.
5771 Companion A5
5776 D 104.3 yrs, a = 0".78
5777 γ Leo group
5780 Sco-Cen cluster
5788 Binary with 5789. Components ADS 9701 CD, 13.5:14.0, 4" at 65" from A, optical
5789 See 5788
5793 Sirius group. SB 17.36 and 2.806689 days. Also Algol type var 2.2 - 2.31p, 17.359907 days
5797 cpm. SB
5801 II Sco assoc
5812 II Sco assoc
5815 Binary with 5816
5816 Binary with 5815. SB
5829 Binary. Companion 8.6G8IV-V. Primary SB
5830 U Ma stream
5831 cpm. Companion F3V
5833 Binary with 5834. B - V for combined light, -0.12
5834 Binary with 5833. SB 12.58485 days. Two spectra
5839 Sco-Cen cluster. SB 12.3 days. Two spectra
5840 Sirius group
5842 ADS 9744 AB binary, 11.7 yrs, a = 0".23. Two spectra
5843 In Ursa cluster. α C Vn type var 5.40 - 5.43p, 1.59584 days
5845 Hyades group
5846 cpm. Combined mag, color. Harvard mag companion 8.0
5849 D 91.0 yrs, a = 0".74. SB. Two spectra
5851 cpm with 5852. V and B - V for combined light 5.52 and -0.24
5852 See 5851
5833 Binary. SB
5854 ADS 9765B, 12^m, 61" optical
5856 ADS 9775 AB binary; component C, 9.0G0, 51", fixed
5859 U Ma stream
5863 SB 38.95 days
5867 Sirius group. ADS 9778 AB 9.2dK3, cpm. DM -65°2906, 8.2^m at 1642" cpm, itself a double, 8.4:10.5, 6" cpm. All four stars members of Ursa cluster. Mag, color refer to component ADS 9778 A only.
5870 Hyades group
5873 Companion spectral class K? SB. Combined mag, color
5880 Prototype R Cor Bor type var, 5.8 - 14.8v
5883 SB. Two spectra
5885 II Sco assoc
5886 In Ursa cluster. Radial vel varies in per 24.4 days.
5887 Binary: components white and orange-red
5888 U Ma stream
5894 Mira type var 5.7 - 14.4v, 356.83 days
5898 Components C and D, 9.1^m at 45", 8.7^m at 48". Combined mag and color of AB
5900 Binary. Combined mag, color
5902 II Sco assoc
5904 II Sco assoc. cpm. Combined mag, color
5906 II Sco assoc
5907 II Sco assoc. Radcliffe RV, -5 var
5910 II Sco assoc
5912 II Sco assoc
5915 II Sco assoc. Binary
5924 ϵ Ind group
5925 Binary with 5926. V and B - V for combined light 4.58 and +0.09
5926 See 5925
5928 II Sco assoc
5934 II Sco assoc
5939 Cepheid 6.42 - 7.63p, 6.32344 days
5942 II Sco assoc. Sco-Cen cluster
5944 II Sco assoc. Sco-Cen cluster. SB 1.571 days. Two spectra
5948 Sco-Cen cluster. Binary. RV companion, +10
5953 II Sco assoc. Sco-Cen cluster
5958 Nova T Cor Bor, 1866 and 1946, 2.0 - 10.8v, 29000 days? SB
5961 Hyades group. Triple system: AB binary, 26.4 yrs, a = 0".355; component C, 7.5^m, 11"
5977 Binary with 5978, q.v.
5978 ADS 9909 AB, binary, 45.69 yrs, a = 0".72. Component C, 7.2dG7, 7". This triple system has cpm with ADS 9910 AB, 7.4G8V:8.1K0V, 8" at 281" from ADS 9909 A. ADS 9909 A is SB 44.70 yrs.
5983 SB 108.075 days
5984 II Sco assoc. ADS 9913 A, cpm with 5985 = component C, and with component B, 9.7^m, 1". Primary is SB 6.828145 days. Ca and Na lines nearly stationary. Combined mag, color
5985 See 5984
5986 SB 3.0708 days
5987 Sco-Cen stream
5988 II Sco assoc. Sco-Cen cluster
5989 ADS 9918 AB binary. C, 10.4^m, 29" fixed. D, 10.8^m, 53" optical
5992 SB 8.855 days
5993 II Sco assoc. Sco-Cen cluster
5998 II Sco assoc. Sco-Cen cluster
5999 cpm with 6000 at 44"
6000 Close double, 6.7:11.3, 1".3, cpm with 5999
6003 II Sco assoc. Sco-Cen cluster
6008 Optical double with 6009
6009 See 6008
6018 cpm. SB
6026 II Sco assoc. Sco-Cen cluster. 6026 and 6027 form a probable quadruple system consisting of two binaries, 6026 = ADS 9951 CD, 7.0:7.7, 2", and 6027 = AB, 4.6:5.6, 1". Radcliffe RV for component C is -14, for D, -3:
6027 See 6026. Radial velocity varies in short period.

6028 II Sco assoc. Sco-Cen cluster
6029 II Sco assoc. Binary
6036 Binary. SB
6039 Irregular var 7.1 -7.31 p
6042 II Sco assoc. Sco-Cen cluster
6043 ADS 9958 AB binary
6046 SB 2150 days
6050 cpm companion F6-8V
6054 II Sco assoc. Sco-Cen cluster
6062 In cluster NGC 6087. Cepheid, 6.84 - 7.81 p, 9.75418 days
6063 Binary with 6064, ADS 9979 AB, 776.32 yrs, a = 5".628. Other components, 12.5^m, 21" and 10^m, 69" optical. Primary SB 7.974 days
6064 Binary with 6063, q. v.
6066 II Sco assoc. Sco-Cen cluster
6072 Hyades group
6074 Sirius group?
6076 U Ma stream
6077 cpm companion 7.2F8. Primary SB
6081 Sco-Cen assoc
6084 II Sco assoc. Sco-Cen cluster. SB 34.08 days. Stationary Ca lines. β C Ma type var 3.0 - 3.8 p, 0.246844 day
6086 Irregular var 6.8 - 7.5 p
6095 Hyades group. Optical pair. Rad velocity var 11.9 days
6098 Sirius group? SB 12.9762 days
6103 Hyades group
6105 Binary with 6106. V and B - V for combined light are 5.40 and +0.60.
6106 See 6105
6109 SB 39.88796 days
6110 In Ursa cluster? Probably optical pair. SB
6111 SB 4.951 days
6112 II Sco assoc. Binary with 6113, ADS 10049 AB. Component C, DM -23°12862, 7.13B9n, 152", cpm. Component D, 6.56B3V = ADS 10045, 8.1:9.2, 0".9
6113 See 6112
6115 cpm companion 7.46A. Primary SB. Two spectra. Combined mag, color
6116 Hyades group
6117 U Ma stream. ADS 10054 AB, 12.0^m, "2" cpm. Component C optical
6118 II Sco assoc. Sco-Cen cluster. Ne (nova-like) var 4.4 - 5.0 v
6119 Mira type var 7.0 - 13.4 v, 406.02 days
6129 SB 13.456 days
6130 Binary. Companion gG7
6132 Binary. Companion K1
6134 Antares. Sco-Cen stream. ADS 10074 A is SR var 0.9 - 1.8 v, 1733 days. Component B, dB4, cpm
6137 Binary. Companion dK1 is SB
6141 II Sco assoc. Sco-Cen cluster
6143 Sco-Cen cluster
6146 Semi-regular var 5.7 - 7.2 p, 70? days
6148 SB 410.575 days
6149 ADS 10087 AB binary, 131.96 yrs, a = 0".934. Component C, 11.0^m, 120" cpm
6155 In cluster NGC 6169
6163 61 Cyg group
6165 II Sco assoc. Sco-Cen cluster
6169 cpm companion 7.3A5 at 156". SB 10.56 days. Two spectra
6171 Also DM -1°3220
6178 Third component by Finsen, 6.8:6.8, 0".1
6184 ADS 10129 C cpm with 6185 = component A
6185 Binary with 6186 and cpm with 6184
6186 See 6185
6187 In cluster NGC 6193. M1b 8 AB, 5.9:9.2, 2" binary. Component C, 7.1 spectrum 06k, 10" cpm. Primary SB
6191 61 Cyg group
6194 Binary with 6195. Component C optical
6195 See 6194
6206 cpm with 6209 at 96"
6209 See 6206
6212 ζ Herculis group. D 34.385 yrs, a = 1".369. Companion dK0. Primary SB 34.417 yrs
6213 SB 2.3076 days. Two spectra
6216 ADS 10173 AB binary
6237 Radial velocity varies, 363.57 days
6245 In cluster NGC 6231. I Sco assoc
6247 Sco-Cen cluster. cpm with 6252 at 346". SB 1.44627 days. Two spectra. β Lyrae type var 3.0 - 3.28 p, 1.44026907 days
6249 In cluster NGC 6231
6250 Suspected PEP var, range 0.04^m
6252 Sco-Cen cluster. cpm with 6247
6254 Sirius group. Triple system in which the companion of A is itself binary. BC, 11.0:11.1, 0".3
6260 I Sco assoc
6261 In cluster NGC 6231. I Sco assoc
6262 In cluster NGC 6231
6263 In cluster NGC 6231. I Sco assoc
6265 In cluster NGC 6231. SB
6272 In cluster NGC 6231. I Sco assoc
6277 Third component, van den Bos, 14^m, 20"
6281 SB. Two spectra
6283 In cluster Cr 316
6290 SB 11.857 days
6292 Sirius group? cpm
6298 D 31.16 yrs, a = 0".169
6309* Nova Oph No. 2, 1848
6315 SB 52.11 days
6320 Sco-Cen cluster
6322 SB 39.482 days. Eclipsing var 5.0 - 5.14 p, same period
6324 SB 4.0235 days
6329 Binary. SB
6337 γ Leo group
6342 γ Leo group
6343 cpm. Spectrum for combined light
6351 SB. Two spectra
6363 γ Leo group. SB 786 days
6369 Binary with 6370, 1544.0 yrs, a = 6".917. Third component 13^m, 12" cpm
6370 See 6369
6377 ADS 10360 AB binary, 8.04 yrs, a = 0".210
6378 ADS 10374 AB binary, 88.0 yrs, a = 0".86
6385 SB 23.245 days
6394 γ Leo group
6401 Binary with 6402 q. v.

6402 Binary with 6401. Third component, 6.7 K5V, 52.5s foll, 192″ N, shares the proper motion and parallax. V and B - V for combined light of 6401-2 are 4.32 and +0.86.
6406 Binary with 6407. ADS 10418 A is semi-regular var, 3.0 - 4.0v. Other components optical
6407 See 6406. SB 51.590 days
6410 ADS 10424 B, 8.8dG4 optical
6414 ADS 10428 A is Algol type var, U Oph, 5.8 - 6.5p, 1.6773460 days. Also SB, 1.6773476 days
6416 D 242 yrs, a = 4″.94. Component B, 8.8M0. Combined mag, color
6424 Binary with 6425
6425 Binary with 6424
6426 M1b 4 AB binary, 42.06 yrs, a = 1″.837. Component C, 9.9M2, 32″ binary. Combined mag, color
6427 Binary. Combined mag, color
6431 Binary. ADS 10449 A is β Lyrae type var, u Her, 4.6 - 5.25p, 2.0510270 days. Also SB 2.05102 days. Two spectra
6435 ADS 10465 AB binary. Component C, 11.7^m, 12″ cpm
6437* Omitted, 7.59^m
6448 Irregular var 6.0 - 6.5v
6453 Sco-Cen cluster. Radial velocity varies 0.29 day.
6464 61 Cyg group
6469 SB. Two spectra
6477 Binary. Combined mag, color
6481 Sirius group?
6484 Binary with 6485. B - V for combined light is -0.03.
6485 See 6484
6488 cpm companion dF7
6491 cpm companion F0V
6493 SB 26.2742 days. Two spectra
6497 Triple spectroscopic system
6506 SB 5.9182 days
6510 Cas-Tau group. SB
6515* Nova Oph No. 1, 1604 (Kepler's Nova)
6516 D 46.08 yrs, a = 1″.02
6524 Binary. SB
6527 Radial velocity varies 5.6 days.
6532 SB 6.7984 days
6535 In cluster NGC 6383. SB 3.36657 days. Two spectra
6538 θ Cen group
6554 Binary with 6555
6555 Binary with 6554. SB 38.59583 days
6556 U Ma stream
6561 Hyades group. Optical companion. SB 2.292285 days
6565 Binary. Combined mag, color
6573 ADS 10660 AB binary, 74.16 yrs, a = 1″.50. Also cpm companion, 12^m, dM1, 740″
6575 cpm companion 7.49F4IV
6581 SB. Two spectra
6592 cpm companion F4V
6596 Hyades group. SB 5.27968 days
6609 cpm with 6610. SB
6610 cpm with 6609
6611 Optical companion. SB 3.894 days. Two spectra
6613 Binary. Combined mag, color
6616 Cepheid 4.8 - 5.8p, 7.01266 days
6618 In Ursa cluster?
6622 SB. Two spectra
6623 Triple physical system. ADS 10786 BC, 10.4:10.9, binary 43.02 yrs, a = 1″.287. This pair forms a wider binary with component A.
6626 Binary. Companion F7V. Primary SB
6627 Binary. SB
6636 cpm with 6637. V and B - V for combined light are 4.25 and +0.45.
6637 See 6636
6641 SB 2.82424 days
6658 In cluster NGC 6475. Binary
6661 Cepheid 7.01 - 7.83p, 17.12326 days
6664 Shell star
6665 ADS 10850 AB binary. C and D, 13^m, 28″ and 10^m, 95″ both optical
6679 In cluster NGC 6494
6681 ADS 10981 AB, cpm. C, 12^m, 34″, optical
6685 Semi-regular var 5.4 - 5.48v, 70? days
6691 Companion F0
6693 Fixed with 6694. V and B - V for combined light, 4.98 and +1.62
6694 See 6693
6702 Irregular var 7.7 - 8.3p
6705 PEP var, range 0.08 V
6712 Suspected PEP var, range 0.07 V
6714 ADS 10966 AC fixed, 9^m, B3, 55″. Combined mag, color
6716 II Sgr assoc
6723 Binary. SB
6727 II Sgr assoc
6729 Binary with 6730
6730 Binary with 6729
6733 Binary with 6734, 277 yrs, a = 1″.509. Third component 9.5^m, 100″ cpm. V and B - V for combined light are 4.78 and +0.39.
6734 See 6733. SB
6736 I Sgr assoc. Cluster NGC 6523/30
6737 ADS 10998 AB cpm. Third component, 13^m, 55″ optical
6742 ADS 11029 A is Cepheid var, W Sgr, 4.7 - 5.92p, 7.594710 days.
6747 β C Ma type? 6.1 - 6.13v, 0.2890 day
6749 Binary with 6750, 214.44 yrs, a = 1″.208. V and B - V for combined light are 4.93 and +0.22.
6750 See 6749
6752 ADS 11046 AB 4.3:6.0dK6, binary, 87.85 yrs, a = 4″.551. SB 87.710 yrs. Aitken includes measures of nine additional faint stars within 180″.
6753 Both companions optical
6758 Binary. Primary is SB.
6771 ADS 11076 AB cpm. Component C, 11^m, 54″ optical
6775 D 56.75 yrs, a = 1″.15

6779 Irregular var 4.1 - 4.2p
6780 Binary. Combined mag, color
6781 Binary with 6782
6782 Binary with 6781
6790 ζ Her group
6795 D 391 yrs, a = 1″.330
6809 Binary with 6810. SB 10.5217 days
6810 Binary with 6809. SB
6812 ADS 11169 A is Algol type var μ Sgr, 3.9 - 4.04p, 180.45 days. SB 108.2 days
6814 Fixed. Primary SB
6833 h5036 A is Algol type var, RS Sgr, 6.0 - 6.9p, 2.4156832 days. SB 2.415702 days
6841 III Sgr assoc
6848 III Sgr assoc. ADS 11240 AB binary. Component C, 8.0B2, 18″
6849 SB 2.0476 days. Two spectra
6855 SB 2214 days
6860 SB 478 days
6863 Cepheid 5.86 - 6.96p, 5.77335 days. Velocity probably varies in a long period as well.
6876 SB 5.51460 days
6904 ADS 11334 AB binary, 284.7 yrs, a = 0″.35. SB
6913 Hyades group
6917 Sirius group. SB 9.6120 days
6918 ADS 11353 A is var of unknown type, 5.2 - 5.5v. Also triple spectroscopic system, 386 days and 1.8505205 days
6920 ADS 11311 AB long period binary. SB
6923 ADS 11336 AB binary. Component C, 7.1F8, 90″, cpm. Primary SB
6924 ADS 11356 C, 9.2A0, 62″. Primary SB
6927 SB 280.531 days; a = 0.06″ (astrometric orbit)
6934 SB 18.8456 days
6935 SB 3.1558 days
6944 Hyades group. Binary
6947 In cluster IC 4725. Cepheid 7.02 - 8.16p, 6.744925 days
6950 SB 26.390 days
6952 cpm with 6953
6953 cpm with 6952
6979 SB 14.3450 days. Two spectra
6980 D 168.4 yrs, a = 0″.385
6981 ADS 11483 AB binary. Component B, 7.1dF8
6982 Hyades group
6983 ADS 11468 AB binary, 184.6 yrs, a = 0″.255. Component C, 8^m, 26″, fixed
6987 Both companions optical. SB
6993 Sirius group? SB 14.674 days. Two spectra
6999 ADS 11520 AB binary, 12.18 yrs, a = 0″.196. Component B, spectrum dF8. Third component 14^m, optical
7001 Vega. Companions are optical.
7002 Primary is the Mira type var, X Oph, 5.9 - 9.2v, 334.22 days. Companion spectrum sgK0
7009 Irregular var 7.3 - 7.8p
7013 Hyades group. SB
7020 Hyades group. ADS 11581 A is the prototype var of its class, δ Sct, 4.9 - 5.19p, 0.193770 day. Component B, 10^m, gK, optical
7021 Component B, spectrum K0
7029 Sco-Cen cluster
7031 Listed in Innes Catalogue but probably not a double star
7033 Companion 7.9A0 fixed. The companion is SB.
7048 ADS 11640 AB binary. Both components close doubles. Component A is SB.
7049 SB 9.810 days
7051 Hyades group. Binary with 7052, cpm with 7053-4 at 208″
7052 See 7051
7053 Hyades group. Binary with 7054, cpm with 7051-2
7054 See 7053
7056 cpm with 7057. Other components optical. SB 4.299963 days. Mag, color refer to ADS 11639 A.
7057 See 7056. Mag and color refer to ADS 11639 D.
7059 Sirius group. ADS 11667 AB binary. Third component, 11^m, optical
7063 SB 834 days
7066 RV Tau type var 6.3 - 8.6p, 144 days
7069 Hyades group
7083 ADS 11719 C, 8.7K0. Component B, 12.5^m, 23″
7089 Semi-regular var, 9.7 -[10.9p, 148.0 days
7099 Binary. Companion K3III-IV
7106 ADS 11745 AB fixed. Component A is the prototype eclipsing binary β Lyrae, 3.4 - 4.34p, 12.907945 days. Discovered by Goodricke in 1784. SB 12.92529 days. Component B, 7.8B7V, var radial vel. Three spectra
7107 Population II Cepheid, 4.8 - 5.7p, 9.0696 days
7113 SB 6.3624 days
7116 ADS 11794 AB, 11^m, 2″, fixed
7124 SB 4.1175 days. Two spectra
7125 Optical pair. SB 138.420 days
7129 Sco-Cen cluster
7131 SB 88.112 days
7133 Component A is SB 245.3 days. Component C, 12.5^m, 41″ optical
7138* 7.30^m
7139 Var 6.1 - 6.5p
7140 Component B, 7.1B8V, 45″ fixed. C, 9.2, 2″ also fixed. Primary SB
7141 Hyades group. Binary with 7142
7142 See 7141
7148 γ Leo group. SB
7152 W U Ma type var 5.01 - 5.24p, 0.591424 day
7157 Hyades group. Semi-regular var 4.0 - 5.0v, 46.0 days
7162 D 61.203 yrs, a = 1″.24. Components C, D optical
7165 ADS 11884 A is Cepheid var 5.8 - 6.31p, 4.470959 days. Radial velocity also varies in period of 4109 days.
7166 Binary. SB

7167 Sirius group?
7169 cpm with 7170
7170 cpm with 7169. SB
7172 U Ma stream. Both companions optical
7174 SB 2.9 days
7179 Companion A4, fixed. Companion SB
7184 D 250 yrs, a = 0".537
7189* Nova Sgr 1899, 4.7 at max
7191 cpm, G8V
7194 D 20.80 yrs, a = 0".520
7199 Binary. Both components SB
7200 SB 15.9526 days
7203 ADS 11792 AB cpm
7209 Hyades group
7213 SB. Two spectra
7214 SB. Two spectra
7215 U Ma stream. Optical
7220 Semi-regular var 10.6 - [12.4p, 353 days
7225 Optical companion 7.1gK4
7226 Binary with 7227, 119.28 yrs, a = 2".069. V and B - V for combined light are 4.20 and +0.52.
7227 See 7226
7229 ADS 11979 AB shows orbital motion. BC close binary, 10.7:10.7, 0".3
7243 Mira type var 5.7 - 12.0v, 300.3 days
7248 SB 1.30226 days. Elliptical var 4.8 - 4.83p, 1.30227 days
7257 SB 12.5 days
7258 SB 1.03088 days
7260 SB 21.998 days
7261 ADS 12061 AB 5.7:9.8, 4" binary
7263 Hyades group
7264 Third component 6.0m, 0".4
7265 D 2.68 yrs, a = 0".129
7267 In Ursa cluster? SB 4.812 days. Two spectra
7272 Binary. Companion G5
7275 SB 28.59 days
7285 ADS 12160 AB 6.7:8.0, 1" cpm. Component C, 7.5G5, 121"
7292 Binary. SB. Two spectra
7293 Binary with 7294. Component C, 12.7, 56" optical
7294 See 7293
7296 R Cor Bor type var 6.5 - 14.0v
7298 Companion A0, optical
7300 Binary. Companion A1V
7305 ADS 12239 AB binary
7307 cpm companion dG2
7312 Sirius group
7318 Binary. ADS 12287 A is a β C Ma type var 5.4 - 5.46v, 0.6096 day.
7319 ADS 12289 AB binary. Third component 13.7m, 12", optical
7326 SB 3.38056 days. Algol type var 6.31 - 9.92p, 3.3806184 days
7337 Companion 8.5A3, cpm. Mag, color for combined light
7338 SB 10.3932 days
7341 Metallic line star, spectrum var, 8.115813 days
7342 SB 137.939 days. β Lyrae type var 4.34 - 4.44p, same period
7362 Hyades group
7369 SB 7.390 days
7373 61 Cyg group
7377 SB. Proper motion is slightly variable.
7382 Sirius group
7385 Both companions optical
7391 ADS 12445 B, C and a are optical companions.
7398 Binary. Combined mag, color
7400 In Ursa cluster?
7402 ADS 12503 A is Cepheid var, U Aql, 6.79 - 7.95p, 7.02393 days. AB fixed. Third component by Kuiper, 7m, 1".7 binary
7412 ADS 12520 B, 10.2, 35" optical
7415 Shell star. Irregular var 6.3 - 6.42v
7417 Albireo. Fixed with 7418
7418 Fixed with 7417
7428 SB 108.5707 days
7429 ADS 12607 B and C optical
7448 Fixed. Companion K0III
7449 λ 4150 star
7451 Sirius group
7458 Cepheid 7.8 - 9.0p, 7.990676 days
7463 ADS 12693 B, spectrum B8, optical
7469 ADS 12695 AB 13.3m, 3".6, cpm. Component C, 11m, 48" optical
7474 ADS 12737 A is β Lyrae type var, σ Aql, 5.0 - 5.18p, 1.95026 days. SB 1.950272 days
7475 Primary M0Iab-Ib. cpm companion B3V
7476 ADS 12767 AB, 11.5, 36" optical. AC, 8.9F8V, 47" cpm
7478 SB. Two spectra
7479 Both companions optical
7481 ADS 12765 AB binary
7484 SB 7.6383 days
7486 Primary is Algol type var, QS Aql, 5.8 - 5.95p, 2.5133 days. Also SB 2.4968 days
7503 Binary with 7504
7504 Binary with 7503
7518 Cepheid var 6.8 - 7.66p, 3.845664 days
7528 D 371.13 yrs, a = 2".089 or 537.3 yrs, a = 2".561
7529 ADS 12893 AB binary
7530 Companion A2V
7534 ADS 12913 AB, 8.6dK6, 26" binary. This pair cpm at 792" with the binary, ADS 12889 AB, 9.2:9.4dK5, 3". Mag, color refer to ADS 12193 A only.
7535 ADS 12920 AB, 13m, 3" binary. AC, 14.0m, 10" binary. Component D, 9.0A0, 33" optical
7536 SB 3988 days
7539* Nova CK Vul 1670, 2.7v at max
7544 ADS 12962 AB binary
7545 In Ursa cluster?
7546 ADS 12973 AB binary 22.8 yrs, a = 0".146. Component C, 8.7m, 9" cpm
7548 cpm with 7549
7549 cpm with 7548
7550 D 148 yrs, a = 0".566. Component B is dF2.
7557 Altair. Companion optical
7560 ADS 13012 AC, 13.8dM4, 23" binary. Component B, 14m, 20" optical
7564 Mira type var 3.3 - 14.2v, 406.95 days

7566 ADS 13014 B, 11.0^m, 55″ optical
7567 SB 12.4255 days. Also Mira type var 7.7 - 13.9 v, 421.27 days
7570 Cepheid 4.08 - 5.25 p, 7.176641 days
7571 Algol type var 6.4 - 7.58 p, 1.18287141 days
7582 Binary. Companion dF6
7593 cpm with 7594. Both components SB
7594 See 7593
7600 β C Ma type? var 6.10 - 6.13 v, 0.3775? day
7602 Binary. Companion dM3
7609 SB 8.4 days and 682 days. Cepheid 5.87 - 7.07 p, 8.38216 days
7610 SB 3.32068 days
7615 ADS 13149 AB 13.0^m, 7.6″ cpm. Other components optical
7623 SB 2.10514 days
7628 SB
7635 Hyades group
7638 ADS 13186 AB 9.0^m, 0.4″ binary. AC, 9.0^m, 3″ also binary. Primary SB
7645 Var 7.0 - 7.24 p
7652 Hyades group
7653 SB 3606 days
7680 cpm. SB
7693 Binary. SB
7694 SB. Two spectra
7703 cpm companion dM5
7705 ADS 13442 AB 8.9dG5, 12″ binary. Component C, 7.1gK2, 81″ optical. V and B - V refer to component A alone.
7708 SB 226.0 days
7710 SB 17.12426 days. Two spectra
7711 NGC 6882/5. SB 9.316 days. Two spectra
7718 NGC 6882/5
7719 NGC 6882/5
7723 Hyades group. Binary
7726 ADS 13535 AB cpm
7735 ADS 13554 A, SB 3802.84 days. Also Algol type var, V695 Cyg, 4.9 - 5.27 p, 3803 days. Component C, 7.0A3V, 107″ fixed
7737 ADS 13572 AB binary. AC, 9.5^m, 12″ also binary
7741 SB 251 days
7746 U Ma stream
7741 SB 251 days
7746 U Ma stream
7751 SB 1170 days, perhaps also 390 days. Algol type var 5.3 - 5.6 p, 1148.0 days
7754 ADS 13645 AB, 11.2^m, 7″ optical. BC, 11.2:11.5, 1.2″ binary
7763 II Cyg assoc. Shell star. Nova 1600
7767 ADS 13672 AB, binary
7770 SB 2440 days
7772 Suspected PEP var, range 0.06 V
7775 ADS 13717 binary. cpm with 7776 at 205″
7776 Triple spectroscopic system, SB periods 8.6780 days (BC), 1374.126 days (A-BC). cpm with 7775
7777 SB 2.98474 days. Two spectra
7781 U Ma stream. Binary. Companion dF3. Both components SB
7784 U Ma stream. ADS 13728 AB binary 90 yrs, a = 0″.214. This pair forms a binary with component C, 8.7, 3.6″.
7787 Binary. Combined mag, color
7790 SB 11.753 days
7802 ADS 13786 AB, 8.5^m, 1.3″ binary. Component C, 7.7 A0, 96″ optical. A fourth component, 13^m, 57″ also optical
7804 Var 7.0 - 7.25 p
7808 D 108 yrs, a = 0″.753
7814 ADS 13860 AB cpm
7818 D 83.72 yrs, a = 0″.172. SB
7822 Sirius group. ADS 13887 AB, 10.0^m, 4″ binary
7827 cpm. SB. Mag, color refer to primary.
7829 cpm with 7830
7830 cpm with 7829
7836 Shell star. ADS 13920 AB binary
7840 ADS 13946 BC close double, 7.5:7.6, 0″.6 optical companion to A
7849 6.4G:8.3A2, binary
7850 SB 840.6 days. Two spectra
7861 SB 5.38275 days
7864 cpm companion 7.60G5V
7874 SB 11.088 days
7879 α CVn type var 5.20 - 5.24 v, 20.27 days
7882 ADS 14073 AB binary 26.65 yrs, a = 0″.475. SB 26.79 yrs
7883 SB 11.039 days
7884 Optical pair. SB 205.0 days
7886 Semi-regular var 6.0 - 6.9 v, 59.5 days
7889 D 94.7 yrs, a = 0″.235
7890 SB. Two spectra
7896 ADS 14101 AB optical. AC, 8.9dK1, 215″, cpm
7897 Both companions optical
7899 ADS 14106 AB, 13^m, 7″ optical
7906 Companions optical
7911 ADS 14126 AB binary. Component C, 8.5A0, 69″ cpm
7913 Sirius group?
7914 Hyades group
7917 Binary. SB
7921 Binary. Companion spectrum A. Companion is SB. Two spectra
7924 Deneb
7927 Irregular var 6.6 - 6.9 p
7928 Sirius group? δ Sct type var 4.50 - 4.56 v, 0.13505 day
7929 ADS 14189 AB, 13.0^m, 2″.9 fixed
7932 Cepheid 6.5 - 8.2 p, 16.3866 days
7939 γ Leo group. SB
7941 Irregular var 7.6 - 8.9 p
7947 Binary with 7948
7948 Binary with 7947
7949 Optical pair. SB
7956 ADS 14290 AB cpm. Component C, 13.3^m, 14″, optical. ADS 14290 A is irregular var, T Cyg, 5.0 - 5.5 v.
7959 Binary with 7960. V and B - V for combined light are 5.64 and +0.18.
7960 See 7959
7963 ADS 14296 AB binary 391.30 yrs, a = 0″.777. Component C, 8.7^m, 85″. Primary SB

7974 SB 10.883 days
7980 U Ma stream
7982 D 155.17 yrs, a = 0".786
7984 Hyades group
7988 Cepheid 5.82 - 6.82p, 4.435578 days
7990 SB 1782 days
8001 SB 2.854833 days. Two spectra
8007 β C Ma type var 6.2 - 6.43p, 0.201028 day
8010 Hyades group. Binary
8012 Optical. SB
8023 SB 48.608 days
8025 Binary. Primary SB
8034 Triple physical system. ADS 14499 AB binary 101.4 yrs, a = 0".656. Component C, 7.2dF4, 11".0
8035 Hyades group
8038 D 40 yrs, a = 0".355
8039 In Ursa cluster?
8040 ADS 14504 AB binary
8042 Companion 6.94K0IV cpm?
8047 ADS 14526 AB cpm. Component A is irregular var, V832 Cyg, 4.49 - 4.60v. SB
8058 cpm with 8059
8059 cpm with 8058
8061 Hyades group
8064 Binary. SB. Combined mag, color
8071 In Ursa cluster? cpm
8072 Hyades group
8074 SB. Two spectra
8084 Cepheid 6.0 - 6.46p, 2.49934 days
8085 61 Cyg group. Binary with 8086, 691.61 yrs, a = 24".407 or 653.34 yrs, a = 24".307. Mag and color refer to ADS 14636 A only.
8086 See 8085. Mag and color for 8086 refer to ADS 14636 B.
8094 ADS 14682 AB binary. Component C, 9.2, 58" optical. Component A is peculiar short period var, V 389 Cyg, 5.5 - 5.69p, periods 1.12912 days and 1.19328 days. SB 3.3137 days
8097 ADS 14702 AB binary. Component C, 12.0^m, 48" optical
8101 Fixed companion 6.94A0
8104 SB. Two spectra
8105 IV Cyg Ag
8107 ADS 14720 AB 9.2^m, 1".3 fixed
8113 Mira type var 5.4 - 11.0v, 389.71 days
8116 D 34.4 yrs, a = 0".18
8119 I Cep Ag. Binary
8123 ADS 14773 AB binary 5.70 yrs, a = 0".26. C is optical. SB 5.70 yrs. Two spectra. Combined mag, color
8130 ADS 14787 AB binary 49.16 yrs, a = 0".96. Radial velocity of A varies in period 0.14 day. Companions C and a, optical
8133 D 84.4 yrs, a = 0".61
8143 IV Cyg Ag. SB 11.043 days
8145 Semi-regular var 7.7 - 9.4p, 320? days
8146 ADS 14831 AB cpm. Primary SB
8148 ADS 14847 AB binary. Spectrum of component B is K4. Primary SB
8153 I Cep AG. Immersed in faint nebula. ADS 14832 AB fixed. Component A is SB 5.41364 days and 225.44 days.
8156 Semi-regular var 8,6 - 10.3p, 233.3 days
8157 Binary. SB
8164 ADS 14864 AB binary. Component B has spectrum B3V.
8166 Binary, companion G5IV
8169 SB 20.30 days
8170 Sirius group. SB 3.24343 days
8173 cpm. Companion K0V. Mag and color refer only to primary.
8178 Companions optical
8191 Hyades group
8194 SB 6.9463 days
8204 Ba II star
8207 U Ma stream
8209 Component C is 10^m, F8, 54"
8210 SB 21.724 days
8220 Hyades group
8231 SB. Two spectra
8232 Both companions optical
8238 Fixed pair. Component A is β C Ma type var, β Cep, 3.3 - 3.35p, 0.1904844 day. Companion spectrum A4n
8243 I Cep Ag
8252 U Ma stream
8254 SB 1037 days; a = 0".05 (astrometric orbit)
8257 SB 12.21 days. Two spectra
8258 D 173.9 yrs, a = 0".293. SB. Two spectra
8262 Semi-regular var 6.8 - 8.9p, 130.85 days
8263 U Ma stream. cpm
8265 cpm. SB. Mag and color refer to primary only.
8278 Hyades group
8279 I Cep Ag
8280 Binary. Companion A3
8281 I Cep Ag. ADS 15184 AC, 7.9^m, 12" fixed. AD, 8.0^m, 20" also fixed. Primary SB 3.708611 days
8283 SB 13.173584 days; radial velocity also varies in a longer period.
8284 ADS 15208 AB, 10.5^m, 2".8, binary. Component C, 9.4^m, 58" optical
8287 In Ursa cluster?
8291 Sirius group. SB
8293 Hyades group. SB 6.3702 days
8296* Nova Cyg No 2, Q Cyg, 1876. 3^m at max
8297 Irregular var 6.1 - 7.0v. DS Peg = V 460 Cyg
8300 D 24.4 yrs, a = 0".16. SB 1.72897 days
8301 SB 26.33 days
8305 SB. Two spectra
8307 11m, 1" binary; 7.6 A0, 153" cpm
8308 ADS 15268 AB optical
8309 Binary with 8310, 514.08 yrs, a = 4".556. Component ADS 15270 D, 6.2^m, 217" = ADS 15275 A. V and B - V for combined light of 8309-10 are 4.46 and +0.45.
8310 See 8309
8315 ADS 15281 AB binary 11.52 yrs, a = 0".22. Component A, SB 5.97152 days. Component C, 10.8^m, 13" optical

8316 Herschel's "Garnet Star". ADS 15271A is semi-regular var, μ Cep, 3.6 - 5.1v, 750 and 4675 days.
8318 Suspected PEP var, range 0.12 V
8322 SB 1.02275 days. Algol type var 2.88 - 3.05v, same period
8326 Third component by Finsen, 5.8:5.9, 0".148
8327 I Cep Ag
8334 I Cep Ag
8335 SB 72.0162 days
8343 SB 5.30465 days
8348 Both companions optical
8350 Bamberg var no 404
8357 ADS 15405 AB 5.9B:6.8A1 cpm. SB 17.3263 days. Two spectra
8364 cpm companion F7V
8371 I Cep Ag
8383 SB 7450 Days. Algol type var 6.6 - 7.4p, 7430 days
8387 ϵ Ind group
8399 I Cep Ag. Binary
8406 I Cep Ag. Two Spectra
8407 Sirius group? cpm
8410 Sirius group? SB 7.8327 days
8417 Hyades group. Binary, companion 6.6dF7. SB
8418 SB. Two spectra
8423 Binary. Companion, 7.37dG5, is SB, 1.1522143 showing two spectra.
8427 Lac Ag. SB 2.1721 days
8430 SB 10.21312 days
8435 Hyades group
8448 SB 1.983244 days. Algol type var 6.87 - 7.69p, 1.983216 days
8449 ADS 15672 B and C optical. Component D, 10.7 at 189"
8454 Sirius group?
8461 U Ma stream
8463 ADS 15708 B as well as other companion at 57" both optical. Another companion, 11^m, K0, 74" is cpm.
8473 Sirius group
8474 cpm. Mag, color refer to primary only.
8476 61 Cyg group
8480 Binary, companion F8V
8481 ζ Her group
8485 ADS 15758 B, 11^m, 29" optical. Primary SB
8493 cpm, companion A3V
8502 SB 4197.7 days; a = 0".05 (astrometric orbit)
8510 ADS 15828 AB binary
8513 ADS 15847 AB cpm
8518 Optical pair. Primary SB
8521 Component A is irregular var, π_1 Gru, 5.8 - 6.4v. Spectrum companion G0V. B - V for combined light, +2.10
8523 Primary is SB 2.616394 days. Two spectra
8532 ADS 15896 AB, 9.2, 2".5, binary
8533 ADS 15902 AB binary
8540 cpm. Combined mag, color
8544 Binary with 8545. Components C and D, 12.9:13.9, 1".8 at 47" from B, optical
8545 See 8544
8546 SB. Two spectra
8548 Hyades group. ADS 15935 AB binary. Spectrum of component B is K4.
8549 Lac Ag. ADS 15942 AB fixed
8553 Lac Ag
8558 Binary with 8559, 361.446 yrs, a = 2".59. Component B is itself binary, BC-B, 25.7143 yrs, a = 0".04. V and B - V for combined light are 3.64 and +0.40.
8559 See 8558
8560 Optical. B - V for combined light, +1.57
8566 D 150.0 yrs, a = 0".81
8571 ADS 15987 AC, 7.5B7IV, 41", cpm. Component A is prototype var, δ Cephei, 4.1 - 5.2p, 5.366341 days. SB 1.022768 days
8573 In Ursa cluster? SB
8575 SB 17.755 days
8576 cpm. Combined mag, color
8579 Lac Ag
8584 SB 2.3409 days
8586 Hyades group
8595 D 156 yrs, a = 0".790. Composite spectrum
8603 I Lac Ag. ADS 16095 AB, 6.55B2V, 22", cpm. Mag and color refer to primary. V and B - V for component B are 6.45 and -0.14.
8606 Lac Ag. SB 10.9114 days. Two spectra
8616 SB. Two spectra
8619 ADS 16149 A is cpm with BC, 6.84F5 at 87". BC, 7.3:8.1, 4".4
8622 I Lac Ag
8627 SB. Two spectra
8629 Binary, about 30 years
8631 D 20.93 yrs, a = 0".30
8632 Hyades group
8635 Binary, 7.8M1. Combined mag, color
8640 Lac Ag. SB 0.19 days and slower variations. β C Ma type var 4.9 - 5.1p, 0.19308883 day
8641 In Ursa cluster?
8645 Binary. Possibly two spectra
8649 U Ma stream
8650 ADS 16221 A is SB 818.0 days
8651 Lac Ag
8652 Close triple system. ADS 16214 A-BC binary. BC, 7.6:9.5, 0".15 also binary. SB
8654 ADS 16228 AB, 8.5K2III, binary. Component C, 12.5^m, 11" optical
8662 cpm. Combined mag, color
8665 Binary. Companion M1
8666 Hyades group
8673 Optical. SB
8680 D 27.22 yrs, a = 0".206. Combined mag, color
8687 ADS 16291 AB, 7.2dF5, binary
8690 Lac Ag
8694 In Ursa cluster?
8695 Sirius group. Binary. Combined mag, color
8696 Hyades group. Binary. Companion 7.3G2IV
8703 SB 24.65 days

8708 ADS 16345 AB binary, 106.67 yrs, a = 0″.736 or 104.5 yrs, a = 0″.647. Component C, 10.7^{m}, 28″ optical. SB
8709 Sirius group
8712 Hyades group
8720 cpm. Companion G3
8725 Lac Ag. ADS 16381 A is β C Ma type var 5.3 - 5.41p, 0.169165 day. SB 12.3106 days. Component C, 9.8K0, 63″ optical
8728 Fomalhaut
8731 Var 5.0 - 5.3p
8733 Lac Ag
8735 Hyades group
8737 ζ Her group? D 27.0 yrs, a = 0″.41
8748 Hyades group
8758 Lac Ag
8762 var 3.5 - 4.0? p
8766 Binary. SB
8768 Lac Ag. Fixed
8770 ADS 16474 AB optical
8775 Irregular var 2.1 - 3.0v
8777 Binary. Companion A0
8782 Hyades group. ADS 16497 AB binary, 21.84 yrs, a = 0″.200. Component C is 84 Aqr, 7.0K0, 262″, optical. 8782 is SB.
8788 Hyades group. SB
8798 Binary. B - V for combined light, +0.12
8800 Lac Ag. SB 3.3372 days
8803 SB 7.25105 days. Two spectra
8804 Sirius group
8819 ADS 16538 AB binary, 150 yrs, a = 0″.84. Component A is SB 556.2 days.
8820 SB 409.614 days
8821 In Ursa cluster?
8827 γ Leo group
8841 61 Cyg group. ADS 16633 A cpm with BC which is binary, 10.0:10.5, dK6, 0″.7
8850 Var 6.5 - 6.8p
8864 SB 3.2195 days. β Lyrae type var 6.0 - 6.16p, 3.2196 days
8865 Hyades group. Binary
8866 Binary. Component B is 7.6K2V. Primary SB
8868 Hyades group. cpm. SB
8872 D 177.2 yrs, a = 2″.81. Companion F6V
8877 R 7952 AB cpm with C, 8.87A3, 17″.5
8890 Hyades group. D 63.16 yrs, a = 0″.420
8895 cpm companion 7.37 A5
8901 Hyades group
8905 Hyades group
8906 Sirius group
8913 Hyades group. SB
8918 SB. Two spectra
8926 Cas-Tau group. ADS 16795 A is Algol type var, AR Cas, 4.7 - 4.83 p, 6.06619 days. Also SB 6.06638 days. Component B, 10.9^{m}, 1″.5 cpm. Components CD, 8.2A0:9.8, 1″.6 at 76″ from A, independent
8943 D 218.3 yrs, a = 0″.395
8944 Hyades group
8945* 7.4^{m}
8947 U Ma stream
8960 SB 11.2298 days
8961 SB 20.5212 days. Var 4.9 - 5.29p, 54 days
8976 ADS 16916 AB optical
8977 Hyades group
8984 Sirius group
8988 cpm. SB
8991 Suspected PEP var, range 0.05V
8992 Mira type var 5.8 - 11.5v, 386.92 days
9002 Binary. Companion 6.8F2
9004 γ Leo group. Irregular var 6.9 - 7.7 p
9012 Hyades group
9016 ADS 17021 AB binary. Component C, 9.8G, 75″, cpm
9017 ADS 17020 AB binary. C, 8.7, 50″ optical
9018 I Cas Ag. ADS 17022 AB 5.7:8.2cA0 binary
9030 Suspected PEP var, range 0.08V
9038 ADS 17062 AB, 11.7M2, binary. Primary SB 7.75310 days
9045 Semi-regular var 4.1 - 6.2v
9047 Suspected PEP var, range 0.18V
9052 SB 13.4187 Days. Var 6.0 - 6.1v, same period
9059 SB 12.155 days
9064 U Ma stream
9066 ADS 17135 A is Mira type var, R Cas, 5.5 - 13.0v, 431.2 days. Companions optical
9070 Cas-Tau group
9071 Binary. Companion, 7.3B3, is SB with two spectra.
9074 Binary with 9075
9075 Binary with 9074
9079 γ Leo group?
9080 α C Vn type var 6.2 - 6.24 p, 3.7422 days
9088 ADS 17175 AB, 11^{m}, binary, 26.27 yrs, a = 0″.83
9094 ADS 1 AB, 7.47A2V, binary. Component C, 10.8^{m}, 99″ may be optical. Mag and color refer to component A.
9105 Binary. Component B, 9.5dF0, is SB.

Andromeda
Andromedae
And

α	15
β	337
γ	603 [604
δ	165
ε	163
ζ	215
η	271
θ	63
ι	8965
κ	8976
λ	8961
μ	269
ν	226
ξ	390
ο	8762
π	154
ρ	82
σ	68
τ	477
υ	458
φ	335
χ	469
ψ	9003
ω	417
1	8762
2	8766
3	8780
4	8804
5	8805
6	8825
7	8830
8	8860
9	8864
10	8876
11	8874
12	8885
13	8913
14	8930
15	8947
16	8961
17	8965
18	8967
19	8976
20	9003
21	15
22	27
23	41
24	63
25	68
26	70
27	82
28	114
29	154

Andromeda (cont.)

30	163
31	165
32	175
34	215
35	226
36	258
37	269
38	271
39	290
41	324
42	335
43	337
44	340
45	348
46	390
47	395
48	417
49	430
50	458
51	464
52	469
53	477
55	543
56	557
57	603 [604
58	620
59	628 [629
60	643
62	670
63	682
64	694
65	699
66	709

Antlia
Antliae
Ant

α	4104
δ	4118
ε	3765
ζ^1	3780 [3781
ζ^2	3789
η	3947
θ	3871
ι	4273

Apus
Apodis
Aps

α	5470
β	6163
γ	6102
δ^1	6020
δ^2	6021
ε	5336
ζ	6417
η	5303
θ	5261
ι	6411
κ^1	5730
κ^2	5782

Aquarius
Aquarii
Aqr

α	8414
β	8232
γ	8518
δ	8709
ε	7950
ζ	8558 [8559
η	8597
θ	8499
ι	8418
κ	8610
λ	8698
μ	7990
ν	8093
ξ	8264
ο	8402
π	8539
ρ	8512
σ	8573
τ	8679
υ	8592
φ	8834
χ	8850
ψ^1	8841
ψ^2	8858
ψ^3	8865
ω^1	8968
ω^2	8988
1	7897
2	7950
3	7951
4	7982
5	7985
6	7990
7	8015
11	8041

Aquarius (cont.)

12	8058 [8059
13	8093
15	8141
16	8160
17	8175
18	8187
19	8195
20	8192
21	8199
22	8232
23	8264
25	8277
26	8287
28	8390
29	8396
30	8401
31	8402
32	8410
33	8418
34	8414
35	8439
38	8452
39	8462
41	8480
42	8496
43	8499
44	8504
45	8508
46	8512
47	8516
48	8518
49	8529
50	8534
51	8533
52	8539
53	8544 [8545
55	8558 [8559
56	8567
57	8573
58	8583
59	8592
60	8590
62	8597
63	8610
66	8649
67	8647
68	8670
69	8673
70	8676
71	8679
73	8698
74	8704

Aquarius (cont.)

76	8709
77	8711
78	8710
81	8757
82	8763
83	8782
86	8789
88	8812
89	8817
90	8834
91	8841
92	8850
93	8858
94	8866
95	8865
96	8868
97	8890
98	8892
99	8906
100	8932
101	8939
102	8968
103	8980
104	8982
105	8988
106	8998
107	9002
108	9031

Aquila
Aquilae
Aql

α	7557
β	7602
γ	7525
δ	7377
ε	7176
ζ	7235
η	7570
θ	7710
ι	7447
κ	7446
λ	7236
μ	7429
ν	7387
ξ	7595
ο	7560
π	7544
ρ	7724
σ	7474
τ	7669
υ	7519
φ	7610

Aquila (cont.)

χ	7497
ψ	7511
ω^1	7315
ω^2	7332
4	7040
5	7059
8	7101
10	7167
11	7172
12	7193
13	7176
14	7209
15	7225
16	7236
17	7235
18	7248
19	7266
20	7279
21	7287
22	7303
23	7319
24	7321
25	7315
26	7333
27	7336
28	7331
29	7332
30	7377
31	7373
32	7387
35	7400
36	7414
37	7430
38	7429
39	7446
41	7447
42	7460
44	7474
45	7480
46	7493
47	7497
48	7511
49	7519
50	7525
51	7553
52	7544
53	7557
54	7560
55	7570
56	7584
57	7593 [7594
58	7596
59	7595

Aquila (cont.)

60	7602
61	7610
62	7667
63	7669
64	7690
65	7710
66	7720
67	7724
68	7821
69	7831
70	7873
71	7884

Ara
Arae
Ara

α	6510
β	6461
γ	6462
δ	6500
ε^1	6295
ε^2	6314
ζ	6285
η	6229
θ	6743
ι	6451
κ	6468
λ	6569
μ	6585
π	6549
σ	6537

Aries
Arietis
Ari

α	617
β	553
γ	545 [546
δ	951
ε	887 [888
ζ	972
η	646
θ	669
ι	563
κ	613
λ	569
μ	793
ν	773
ξ	702

Aries (cont.)

ο	809
π	836
ρ	869
σ	847
τ	1005
1	530
4	522
5	545 [546
6	553
7	559
8	563
9	569
10	605
11	615
12	613
13	617
14	623
15	631
16	633
17	646
19	648
20	656
21	657
22	669
24	702
26	729
27	731
29	741
30	764 [765
31	763
32	773
33	782
34	793
35	801
36	808
37	809
38	812
39	824
40	828
41	838
42	836
43	847
45	867
46	869
47	878
48	887 [888
49	905
52	927 [928
53	938
54	940

Aries (cont.)

55	944
56	954
57	951
58	972
59	995
60	1000
61	1005
62	1012
63	1015
64	1022
65	1027
66	1048

Auriga
Aurigae
Aur

α	1708
β	2088
γ	1791
δ	2077
ε	1605
ζ	1612
η	1641
θ	2095
ι	1577
κ	2219
λ	1729
μ	1689
ν	2012
ξ	2029
ο	1971
π	2091
ρ	1749
σ	1773
τ	1995
υ	2011
φ	1805
χ	1843
ψ^1	2289
ψ^2	2427
ψ^3	2420
ψ^4	2459
ψ^5	2483
ψ^6	2487
ψ^7	2516
ψ^8	2547
ψ^9	2568
ψ^{10}	2585
2	1551
3	1577
4	1592
5	1599

Auriga (cont.)

6	1602
7	1605
8	1612
9	1637
10	1641
11	1689
13	1708
14	1706
15	1729
16	1726
17	1728
18	1734
19	1740
20	1749
21	1773
22	1768
24	1805
25	1843
26	1914
27	1971
29	1995
30	2029
31	2011
32	2012
33	2077
34	2088
35	2091
36	2101
37	2095
38	2119
39	2132
40	2143
41	2175 [2176
42	2228
43	2239
44	2219
45	2264
46	2289
47	2338
48	2332
49	2398
50	2427
51	2419
52	2420
53	2425
54	2438
55	2459
56	2483
57	2487
58	2516
59	2539
60	2541
61	2547
62	2600

Auriga (cont.)

63	2696
64	2753
65	2793
66	2805

Bootes
Bootis
Boo

α	5340
β	5602
γ	5435
δ	5681
ε	5505 [5506
ζ	5477 [5478
η	5235
θ	5404
ι	5350
κ	5328 [5329
λ	5351
μ	5733 [5734
ν	5763 [5774
ξ	5544
ο	5502
π	5475 [5476
ρ	5429
σ	5447
τ	5185
υ	5200
φ	5823
χ	5676
ψ	5616
ω	5600
1	5144
2	5149
3	5182
4	5185
5	5200
6	5201
7	5225
8	5235
9	5247
10	5255
11	5263
12	5304
13	5300
14	5323

Bootes (cont.)

15	5330
16	5340
17	5328 [5329
18	5365
19	5351
20	5370
21	5350
22	5405
23	5404
24	5420
25	5429
26	5434
27	5435
28	5447
29	5475 [5476
30	5477 [5478
31	5480
32	5481
33	5468
34	5490
35	5502
36	5505 [5506
37	5544
38	5533
39	5538
40	5588
41	5600
42	5602
43	5616
44	5618
45	5634
46	5638
47	5627
48	5676
49	5681
50	5718
51	5733 [5734
52	5763
53	5774
54	5823

Caelum Caeli Cae	
α	1502
β	1503
γ	1652
δ	1443
ζ	1539

Camelopardus Camelopardi Cam	
α	1542
β	1603
γ	1148
1	1417
2	1466
3	1467
4	1511
5	1555
7	1568
8	1588
9	1542
10	1603
11	1622
12	1623
14	1678
15	1719
16	1751
17	1802
18	1828
19	1857
23	1943
24	1941
26	1969
29	1992
30	2006
31	2027
36	2165
37	2152
40	2201
42	2490
43	2511
47	2772
49	2977
51	2975
53	3109

Cancer Cancri Cnc	
α	3572
β	3249
γ	3449
δ	3461
ε	3429
ζ	3208, 3209, 3210
η	3366
θ	3357
ι	3474, 3475
κ	3623
λ	3268
μ	3176
ν	3595
ξ	3627
ο	3561
π	3669
ρ^1	3522
ρ^2	3540
σ^1	3519
σ^2	3555
σ^3	3575
τ	3621
υ^1	3355
υ^2	3369
φ^1	3304
φ^2	3310, 3311
χ	3262
ψ	3191
ω	3124
1	3095
2	3124
3	3128
4	3132
5	3134
8	3163
9	3169
10	3176
12	3184
14	3191
15	3215
16	3208, 3209, 3210
17	3249
18	3262
19	3268
20	3284
21	3290
22	3304

Cancer (cont.)	
23	3310, 3311
24	3312, 3313
25	3299
27	3319
28	3329
29	3333
30	3355
31	3357
32	3369
33	3366
34	3372
35	3387
36	3406
37	3412
39	3427
41	3429
43	3449
45	3450
46	3464
47	3461
48	3474, 3475
49	3465
50	3481
51	3519
53	3521
54	3510
55	3522
57	3532
58	3540
59	3555
60	3550
61	3563
62	3561
63	3565
64	3575
65	3572
66	3587
67	3589
69	3595
70	3601
72	3621
75	3626
76	3623
77	3627
79	3640
81	3650
82	3669

Canes Venatici Canum Venaticorum CVn	
α	4914, 4915
β	4785
2	4666
3	4690
4	4715
5	4716
6	4728
7	4761
8	4785
9	4811
10	4845
11	4866
12	4914, 4915
14	4943
15	4967
17	4971
19	5004
20	5017
21	5023
23	5032
24	5112
25	5127

Canis Major Canis Majoris CMa	
α	2491
β	2294
γ	2657
δ	2693
ε	2618
ζ	2282
η	2827
θ	2574
ι	2596
κ	2538
λ	2361
μ	2593
ν^1	2423
ν^2	2429
ν^3	2443
ξ^1	2387
ξ^2	2414
o^1	2580
o^2	2653
π	2590
σ	2646
τ	2782

Canis Major (cont.)	
ω	2749
1	2282
2	2294
4	2387
5	2414
6	2423
7	2429
8	2443
9	2491
10	2492
11	2504
12	2509
13	2538
14	2574
15	2571
16	2580
17	2588
18	2593
19	2590
20	2596
21	2618
22	2646
23	2657
24	2653
25	2693
26	2718
27	2745
28	2749
29	2781
30	2782
31	2827

Canis Minor Canis Minoris CMi	
α	2943
β	2845
γ	2854
δ^1	2880
δ^2	2887
δ^3	2901
ε	2828
ζ	3059
η	2851
1	2820
2	2828
3	2845
4	2854
5	2851
6	2864
7	2880

Canis Minor (cont.)	
8	2887
9	2901
10	2943
11	3008
13	3059
14	3110

Capricornus Capricorni Cap	
α^1	7747
α^2	7754
β	7776
γ	8278
δ	8322
ε	8260
ζ	8204
η	8060
θ	8075
ι	8167
κ	8288
λ	8319
μ	8351
ν	7773
ξ	7715
ο	7829, 7830
π	7814
ρ	7822
σ	7761
τ	7889
υ	7900
φ	8127
χ	8087
ψ	7936
ω	7980
1	7712
2	7715
3	7738
4	7748
5	7747
6	7754
7	7761
8	7773
9	7776
10	7814
11	7822
12	7829, 7830
14	7889
15	7900
16	7936

Capricornus (cont.)	
17	7937
18	7980
19	8000
20	8033
22	8060
23	8075
24	8080
25	8087
27	8091
28	8127
29	8128
30	8137
31	8139
32	8167
33	8183
34	8204
35	8207
36	8213
37	8245
39	8260
40	8278
41	8285
42	8283
43	8288
44	8295
45	8302
46	8311
47	8318
48	8319
49	8322
51	8351

Carina Carinae Car	
α	2326
β	3685
ε	3307
η	4210
θ	4199
ι	3699
υ	3890 [3891
χ	3117
ω	4037

Cassiopeia Cassiopeiae Cas	
α	168
β	21
γ	264
δ	403
ε	542
ζ	153
η	219
θ	343
ι	707
κ	130
λ	123
μ	321
ν	223
ξ	179
ο	193
π	184
ρ	9045
σ	9071
τ	9008
υ^1	253
υ^2	265
φ	382
χ	442
ψ	399
ω	548
1	8797
2	8822
4	8904
5	9008
6	9018
7	9045
8	9071
9	9100
10	7
11	21
12	93
13	121
14	123
15	130
16	137
17	153
18	168
19	179
20	184
21	192
22	193
23	208
24	219
25	223
26	253
27	264
28	265
30	321
31	336

Cassiopeia (cont.)	
32	345
33	343
34	382
35	384
36	399
37	403
38	427
39	442
40	456
42	480
43	478
44	491
45	542
46	548
47	581
48	575
49	592
50	580
52	586
53	589
55	640

Centaurus Centauri Cen	
α^1	5459
α^2	5460
β	5267
γ	4819
δ	4621
ε	5132
ζ	5231
η	5440
θ	5288
ι	5028
κ	5576
λ	4467
μ	5193
ν	5190
ξ^1	4933
ξ^2	4942
o^1	4441
o^2	4442
π	4390
ρ	4638
σ	4743
τ	4802
υ^1	5249
υ^2	5260
φ	5248
χ	5285
ψ	5367

Centaurus (cont.)	
1	5168
2	5192
3	5210 [5211
4	5221
5	5288

Cepheus Cephei Cep	
α	8162
β	8238
γ	8974
δ	8571
ε	8494
ζ	8465
η	7957
θ	7850
ι	8694
κ	7750
λ	8469
μ	8316
ν	8334
ξ	8417
ο	8872
π	8819
ρ	8591
1	7750
2	7850
3	7957
4	7945
5	8162
6	8171
7	8227
8	8238
9	8279
10	8334
11	8317
12	8339
13	8371
14	8406
16	8400
17	8417
18	8416
19	8428
20	8426
21	8465
22	8469
23	8494
24	8468
25	8511
26	8561

Cepheus (cont.)	
27	8571
28	8578
29	8591
30	8627
31	8615
32	8694
33	8819
34	8872
35	8974

Cetus Ceti Cet	
α	911
β	188
γ	804
δ	779
ε	781
ζ	539
η	334
θ	402
ι	74
κ	996
λ	896
μ	813
ν	754
ξ^1	649
ξ^2	718
ο	681
π	811
ρ	708
σ	740
τ	509
υ	585
φ^1	194
φ^2	235
φ^3	267
φ^4	279
χ	531
1	9065
2	9098
3	9103
6	33
7	48
8	74
9	88
10	101
12	117
13	142
14	143
16	188
17	194

Cetus (cont.)	
18	203
19	235
20	248
21	255
22	267
23	279
25	296
26	301
27	315
28	317
30	329
31	334
32	346
33	347
34	353
37	366
38	368
39	373
42	385
43	393
44	401
45	402
46	412
47	421
48	433
49	451
50	459
52	509
53	531
55	539
56	565
57	583
59	585
60	607
61	610
63	639
64	635
65	649
66	650
67	666
68	681
69	689
70	691
71	704
72	708
73	718
75	739
76	740
77	752
78	754
80	759
81	771
82	779
83	781
84	790

Cetus (cont.)

86	804
87	813
89	811
91	896
92	911
93	910
94	962
95	992
96	996
97	1007

Chamaeleon Chamaeleontis Cha

α	3318
β	4674
γ	4174
δ^1	4231
δ^2	4234
ε	4583
ζ	3860
η	3502
θ	3340
ι	3795
κ	4605
μ	3983
ν	3902
π	4479

Circinus Circini Cir

α	5463
β	5670
γ	5704
δ	5664
ε	5666
ζ	5539
η	5593
θ	5551

Columba Columbae Col

α	1956
β	2040
γ	2106
δ	2296
ε	1862

Columba (cont.)

η	2120
θ	2177
κ	2256
λ	2056
μ	1996
ν^1	1926
ν^2	1935
ξ	2087
o	1743
π^1	2171
π^2	2181
σ	2092

Coma Berenices Comae Berenices Com

α	[4968 4969
β	4983
γ	4737
2	4602
3	4632
4	4640
5	4643
6	4663
7	4667
8	4685
9	4688
11	4697
12	4707
13	4717
14	4733
15	4737
16	4738
17	4752
18	4753
20	4756
21	4766
22	4780
23	4789
24	[4791 4792
25	4801
26	4815
27	4851
28	4861
29	4865
30	4869
31	4883
32	4884

Coma Berenices (cont.)

35	4894
36	4920
37	4924
38	4929
39	4946
40	4949
41	4954
42	[4968 4969
43	4983

Corona Austrina Coronae Austrinae CrA

α	7254
β	7259
γ	[7226 7227
δ	7242
ε	7152
ζ	7188
η^1	7062
η^2	7068
θ	6951
κ	[6952 6953
λ	7021
μ	7050

Corona Borealis Coronae Borealis CrB

α	5793
β	5747
γ	5849
δ	5889
ε	5947
ζ	[5833 5834
η	[5727 5728
θ	5778
ι	5971
κ	5901
λ	5936
μ	5800

Corona Borealis (cont.)

ν	[6107 6108
ξ	6103
o	5709
π	5855
ρ	5968
σ	[6063 6064
τ	6018
υ	6074
1	5709
2	[5727 5728
3	5747
4	5778
5	5793
6	5800
7	[5833 5834
8	5849
9	5855
10	5889
11	5901
12	5936
13	5947
14	5971
15	5968
16	6018
17	[6063 6064
18	6074
19	6103
20	6107
21	6108

Corvus Corvi Crv

α	4623
β	4786
γ	4662
δ	4757
ε	4630
ζ	4696
η	4775
1	4623
2	4630
3	4635
4	4662
5	4696

Corvus (cont.)

6	4711
7	4757
8	4775
9	4786

Crater Crateris Crt

α	4287
β	4343
γ	4405
δ	4382
ε	4402
ζ	4514
η	4567
θ	4468
ι	4488
κ	4416
λ	4395
7	4287
11	4343
12	4382
13	4395
14	4402
15	4405
16	4416
17	[4443 4444
21	4468
24	4488
27	4514
30	4567

Crux Crucis Cru

α^1	4730
α^2	4731
β	4853
γ	[4763 4764
δ	4656
ε	4700
ζ	4679
η	4616
θ^1	4599
θ^2	4603
ι	4842
κ	4890
λ	4897
μ	4898

Cygnus Cygni Cyg

α	7924
β	[7417 7418
γ	7796
δ	7528
ε	7949
ζ	8115
η	7615
θ	7469
ι	7420
κ	7328
λ	7963
μ	[8309 8310
ν	8028
ξ	8079
o^1	[7730 7735
o^2	7751
π^1	8301
π^2	8335
ρ	8252
σ	8143
τ	8130
υ	8146
φ	7478
χ	7564
ψ	7619
ω^1	7844
ω^2	7851
1	7328
2	7372
4	7395
6	[7417 7418
7	7408
8	7426
9	7441
10	7420
11	7457
12	7478
13	7469
14	7483
15	7517
16	7503
17	7534
18	7528
19	7566
20	7576
21	7615
22	7613
23	7608
24	7619
25	7647

Cygnus (cont.)

26	7660
27	7689
28	7708
29	7736
30	7730
31	7735
32	7751
33	7740
34	7763
35	7770
36	7769
37	7796
39	7806
40	7826
41	7834
42	7835
43	7828
44	7847
45	7844
46	7851
47	7866
48	7885
49	7921
50	7924
51	7929
52	7942
53	7949
54	7963
55	7977
56	7984
57	8001
58	8028
59	8047
60	8053
61	8085
	8086
62	8079
63	8089
64	8115
65	8130
66	8146
67	8143
68	8154
69	8209
70	8215
71	8228
72	8255
73	8252
74	8266
75	8284
76	8291
77	8300
78	8309
	8310
79	8307

Cygnus (cont.)

80	8301
81	8335

Delphinus
Delphini
Del

α	7906
β	7882
γ	7947
	7948
δ	7928
ε	7852
ζ	7871
η	7858
θ	7892
ι	7883
κ	7896
1	7836
2	7852
3	7858
4	7871
5	7883
6	7882
7	7896
8	7892
9	7906
10	7918
11	7928
12	7947
	7948
13	7953
14	7974
15	7973
16	8012
17	8011
18	8030

Dorado
Doradus
Dor

α	1465
β	1922
γ	1338
δ	2015
ε	2064
ζ	1674
η^1	2194
η^2	2245
θ	1744
κ	1530

Dorado (cont.)

λ	1836
ν	2221
π^1	2352
π^2	2377

Draco
Draconis
Dra

α	5291
β	6536
γ	6705
δ	7310
ε	7582
ζ	6396
η	6132
θ	5986
ι	5744
κ	4787
λ	4434
μ	6369
	6370
ν	6554
	6555
ξ	6688
ο	7125
π	7371
ρ	7685
σ	7462
τ	7352
υ	7180
φ	6920
χ	6927
ψ	6636
	6637
ω	6596
1	4434
2	4461
3	4504
4	4765
5	4787
6	4795
7	4863
8	4916
9	4928
10	5226
11	5291
12	5744
13	5986
14	6132
15	6161
16	6184

Draco (cont.)

17	6185
	6186
18	6223
19	6315
20	6319
21	6369
	6370
22	6396
23	6536
24	6554
25	6555
26	6573
27	6566
28	6596
30	6656
31	6636
	6637
32	6688
33	6705
34	6725
35	6701
36	6850
37	6865
39	6923
40	6809
41	6810
42	6945
43	6920
44	6927
45	6978
46	7049
47	7125
48	7175
49	7218
50	7124
51	7251
52	7180
53	7295
54	7309
55	7290
57	7310
58	7371
59	7312
60	7352
61	7462
63	7582
64	7676
65	7682
66	7701
67	7685
68	7727
69	7686
71	7792
73	7879
74	7908

Draco (cont.)

75	7901
76	8002

Equuleus
Equulei
Equ

α	8131
β	8178
γ	8097
δ	8123
1	8034
3	8066
4	8077
5	8097
6	8098
7	8123
8	8131
9	8163
10	8178

Eridanus
Eridani
Eri

α	472
β	1666
γ	1231
δ	1136
ε	984
ζ	1084
η	874
θ	897
	898
ι	794
κ	721
λ	1679
μ	1520
ν	1463
ξ	1383
o^1	1298
o^2	1325
π	1162
ρ^1	907
ρ^2	917
ρ^3	925
τ^1	818
τ^2	850
τ^3	919
τ^4	1003
τ^5	1088
τ^6	1173

Eridanus (cont.)

τ^7	1181
τ^8	1213
τ^9	1240
υ^1	1453
υ^2	1464
φ	674
χ	566
ψ	1617
ω	1560
1	818
2	850
3	874
4	883
5	899
6	889
7	904
8	907
9	917
10	925
11	919
13	984
14	988
15	994
16	1003
17	1070
18	1084
19	1088
20	1100
21	1111
22	1121
23	1136
24	1146
25	1150
26	1162
27	1173
28	1181
30	1202
32	1211
	1212
33	1213
34	1231
35	1244
36	1240
37	1290
38	1298
39	1318
40	1325
41	1347
42	1383
43	1393
45	1437
46	1449
47	1451
48	1463

Eridanus (cont.)

50	1453
51	1474
52	1464
53	1481
54	1496
55	1505, 1506
56	1508
57	1520
58	1532
59	1538
60	1549
61	1560
62	1582
63	1608
64	1611
65	1617
66	1657
67	1666
68	1673
69	1679

Fornax Fornacis For

α	963
β	841
γ^1	844
γ^2	845
δ	1134
ε	914
ζ	901
η^1	835
η^2	848
η^3	851
ι^1	767
ι^2	777
κ	695
λ^1	744
λ^2	772
μ	652
ν	612
π	594
ρ	1184
σ	1171
τ	1114
φ	724
χ^1	1042
χ^2	1054
χ^3	1058
ψ	863
ω	749

Gemini Geminorum Gem

α	2890, 2891
β	2990
γ	2421
δ	2777
ε	2473
ζ	2650
η	2216
θ	2540
ι	2821
κ	2985
λ	2763
μ	2286
ν	2343
ξ	2484
ο	2930
π	3013
ρ	2852
σ	2973
τ	2697
υ	2905
φ	3067
χ	3149
ψ	3215
ω	2630
1	2134
3	2173
5	2185
6	2197
7	2216
8	2230
9	2240
13	2286
16	2330
18	2343
19	2371
24	2421
25	2453
26	2466
27	2473
28	2480
30	2478
31	2484
32	2489
33	2519
34	2540
35	2525
36	2529
37	2569
38	2564
39	2601
40	2605
41	2615
42	2630

Gemini (cont.)

43	2650
44	2659
45	2684
46	2697
47	2700
48	2706
51	2717
52	2725
53	2738
54	2763
55	2777
56	2795
57	2808
58	2810
59	2816
60	2821
61	2837
62	2852
63	2846
64	2857
65	2861
66	2890, 2891
68	2886
69	2905
70	2924
71	2930
74	2938
75	2973
76	2983
77	2985
78	2990
79	2991
80	3013
81	3003
82	3021
83	3067
85	3086

Grus Gruis Gru

α	8425
β	8636
γ	8353
δ^1	8556
δ^2	8560
ε	8675
ζ	8747
η	8655
θ	8787
ι	8820
κ	8774

Grus (cont.)

λ	8411
μ^1	8486
μ^2	8488
ν	8552
ξ	8229
ο	8907
π^1	8521
π^2	8524
ρ	8644
τ^1	8700
τ^3	8722
υ	8790
φ	8859

Hercules Herculis Her

α	6406, 6407
β	6148
γ	6495
δ	6410
ε	6324
ζ	6212
η	6220
θ	6695
ι	6588
κ	6008, 6009
λ	6526
μ	6623
ν	6707
ξ	6703
ο	6779
π	6418
ρ	6484, 6485
σ	6168
τ	6092
υ	5982
φ	6023
χ	5914
ω	6117
1	5914
2	5932
4	5938
5	5966
6	5982
7	6008, 6009
8	6013
9	6047

Hercules (cont.)

10	6039
11	6023
16	6065
20	6095
21	6111
22	6092
24	6117
25	6123
27	6148
28	6158
29	6159
30	6146
34	6156
35	6168
36	6194
37	6195
39	6213
40	6212
42	6200
43	6228
44	6220
45	6234
47	6250
49	6268
50	6258
51	6270
52	6254
53	6279
54	6293
56	6292
57	6305
58	6324
59	6332
60	6355
61	6346
63	6391
64	6406, 6407
65	6410
67	6418
68	6431
69	6436
70	6457
72	6458
73	6480
74	6464
75	6484, 6485
76	6526
77	6509
78	6533
79	6571
82	6574
83	6602
84	6608

Hercules (cont.)

85	6588
86	6623
87	6644
88	6664
89	6685
90	6677
91	6695
92	6703
93	6713
94	6707
95	6729, 6730
96	6738
97	6741
98	6765
99	6775
100	6781, 6782
101	6794
102	6787
103	6779
104	6815
105	6860
106	6868
107	6877
108	6876
109	6895
110	7061
111	7069
112	7113
113	7133

Horologium Horologii Hor

α	1326
β	909
δ	1302
ζ	802
η	778
ι	810
λ	714
μ	934
ν	852

Hydra Hydrae Hya		Hydra (cont.)		Indus Indi Ind		Leo (cont.)		Leo (cont.)		Leo Minor (cont.)	
α	3748	29	3744	α	7869	λ	3773	49	4148	10	3800
β	4552	30	3748	β	7986	μ	3905	51	4208	11	3815
γ	5020	31	3759	γ	8188	ν	3937	52	4209	13	3857
δ	3410	32	3787	δ	8368	ξ	3782	53	4227	19	3928
ε	3482	33	3814	ε	8387	ο	3852	54	[4259	20	3951
ζ	3547	34	3832	ζ	7952	π	3950		[4260	21	3974
η	3454	35	3845	η	7920	ρ	4133	55	4265	22	4014
θ	3665	37	3846	θ	8140	σ	4386	56	4267	23	4024
ι	3845	38	3849	ι	7968	τ	4418	58	4291	24	4027
κ	3849	39	3903	μ	8055	υ	4471	59	4294	27	4075
λ	3994	40	3970	ν	8515	φ	4368	60	4300	28	4081
μ	4094	41	3994	ο	8333	χ	4310	61	4299	30	4090
ν	4232	42	4094	ρ	8701	ψ	3866	62	4306	31	4100
ξ	4450	44	4145			ω	3754	63	4310	32	4113
ο	4494	45	4958					64	4322	33	4124
π	5287	46	5020	Lacerta Lacertae Lac		1	3731	65	4319	34	4137
ρ	3492	47	5250			2	3754	67	4332	35	4150
σ	3418	48	5257			3	3755	68	4357	37	4166
τ^1	3759	49	5287			4	3773	69	4356	38	4168
τ^2	3787	50	5312	α	8585	5	3782	70	4359	40	4189
υ^1	3903	51	5381	β	8538	6	3779	72	4362	41	4192
υ^2	3970	52	5407			7	3818	73	4365	42	4203
φ	4171	54	5497	1	8498	8	3826	74	4368	43	4223
χ^1	4314	55	5514	2	8523	10	3827	75	4371	44	4230
χ^2	4317	56	5516	3	8538	13	3853	76	4381	46	4247
ψ	4958	57	5517	4	8541	14	3852	77	4386	48	4254
ω	3613	58	5526	5	8572	15	3861	78	4399	50	4270
		59	5577	6	8579	16	3866	79	4400		
1	3297	60	5591	7	8585	17	3873	80	4410		
2	3321			8	8603	18	3877	81	4408	Lepus Leporis Lep	
3	3398	Hydrus Hydri Hyi		9	8613	19	3880	83	4414		
4	3410			10	8622	20	3889	84	4418		
5	3418			11	8632	22	3900	85	4426		
6	3431			12	8640	23	3896	86	4433	α	1865
7	3454			13	8656	24	3905	87	4432	β	1829
9	3441	α	591	14	8690	27	3937	88	4437	γ	1983
10	3469	β	98	15	8699	29	3950	89	4455	δ	2035
11	3482	γ	1208	16	8725	30	3975	90	4456	ε	1654
12	3484	δ	705			31	3980	91	4471	ζ	1998
13	3492	ε	806			32	3982	92	4495	η	2085
14	3500	ζ	837	Leo Leonis Leo		34	3998	93	4527	θ	2155
15	3523	η^2	570			35	4030	94	4534	ι	1696
16	3547	θ	939			36	4031	95	4564	κ	1705
17	[3552	ι	1025			37	4035			λ	1756
	[3553	κ	715	α	3982	39	4039			μ	1702
18	3613	λ	236	β	4534	40	4054	Leo Minor Leonis Minoris LMi		ν	1757
19	3630	μ	776	γ	[4057	41	[4057				
20	3641	ν	872		[4058		[4058			1	1634
21	3655	π^1	667	δ	4357	42	4070			2	1654
22	3665	π^2	678	ε	3873	43	4077			3	1696
23	3681	σ	593	ζ	4031	44	4088	β	4100	4	1705
24	3683	τ^1	516	η	3975	45	4101			5	1702
26	3706	τ^2	550	θ	4359	46	4127	7	3764	6	1756
27	3709			ι	4399	47	4133	8	3769	7	1757
28	3738			κ	3731	48	4146	9	3791	8	1783

Lepus (cont.)	
9	1829
10	1849
11	1865
12	1968
13	1983
14	1998
15	2035
16	2085
17	2148
18	2155
19	2168

Libra Librae Lib	
α^1	5530
α^2	5531
β	5685
γ	5787
δ	5586
ε	5723
ζ	5764
η	5848
θ	5908
ι	5652
κ	5838
λ	5902
μ	5523
ν	5622
ξ^1	5554
ξ^2	5564
o	5703
σ	5603
τ	5812
υ	5794
2	5383
4	5484
5	5503
7	5523
8	5530
9	5531
11	5535
12	5548
13	5554
15	5564
16	5570
17	5578
18	5582
19	5586
20	5603
21	5622
23	5657

Libra (cont.)	
24	5652
25	5656
26	5662
27	5685
28	5701
29	5703
31	5723
32	5743
34	5750
35	5764
36	5775
37	5777
38	5787
39	5794
40	5812
41	5814
42	5824
43	5838
44	5848
45	5902
46	5908
47	5915
48	5941
49	5954
50	5959

Lupus Lupi Lup	
α	5469
β	5571
γ	5776
δ	5695
ε	5708
ζ	5649
η	5948
θ	5987
ι	5354
κ	5646
λ	5626
μ	5683
ν^1	5698
ν^2	5699
ξ	5925
	5926
o	5528
π	5605
	5606
ρ	5453
σ	5425
τ^1	5395
τ^2	5396
υ	5719

Lupus (cont.)	
φ^1	5705
φ^2	5712
χ	5883
ψ^1	5820
ψ^2	5839
ω	5797
1	5660
2	5686
3	5820
4	5839
5	5883

Lynx Lyncis Lyn	
α	3705
1	2215
2	2238
4	2257
5	2293
6	2331
7	2376
8	2394
11	2402
12	2470
13	2477
14	2520
15	2560
16	2585
18	2715
19	2783
	2784
21	2818
22	2849
23	2929
24	2946
25	3065
26	3066
27	3173
28	3167
29	3235
30	3254
31	3275
32	3365
33	3377
34	3422
35	3508
36	3652
38	3690
40	3705
42	3829
43	3851

Lyra Lyrae Lyr	
α	7001
β	7106
γ	7178
δ^1	7131
δ^2	7139
ε	7051
	7052
	7053
	7054
ζ	7056
	7057
η	7298
θ	7314
ι	7262
κ	6872
λ	7192
μ	6903
ν	7102
1	6872
2	6903
3	7001
4	7051
	7052
5	7053
	7054
6	7056
7	7057
8	7100
9	7102
10	7106
11	7131
12	7139
13	7157
14	7178
15	7192
16	7215
17	7261
18	7262
19	7283
20	7298
21	7314

Mensa Mensae Men	
α	2261
β	1677
γ	1953
δ	1426
ε	2919
ζ	2559
η	1629

Mensa (cont.)	
θ	2689
ι	1991
κ	2125
λ	2062
μ	1541
ν	1456
ξ	1716
π	2022

Microscopium Microscopii Mic	
α	7965
β	7979
γ	8039
δ	8070
ε	8135
ζ	8048
η	8069
θ^1	8151
θ^2	8180
ι	7943
ν	7846

Monoceros Monocerotis Mon	
α	2970
β	2356
	2357
	2358
γ	2227
δ	2714
ε	2298
	2299
ζ	3188
1	2107
2	2108
3	2128
5	2227
6	2255
7	2273
8	2298
	2299
10	2344
11	2357
12	2382
13	2385
14	2404
15	2456

Monoceros (cont.)	
16	2494
17	2503
18	2506
19	2648
20	2701
21	2707
22	2714
24	2744
25	2927
26	2970
27	3122
28	3141
29	3188

Musca Muscae Mus	
α	4798
β	4844
γ	4773
δ	4923
ε	4671
ζ^1	4704
ζ^2	4703
η	4993
θ	4952
ι^1	5042
ι^2	5051
λ	4520
μ	4530

Norma Normae Nor	
γ^1	6058
γ^2	6072
δ	5980
ε	6115
η	5962
θ	6045
ι^1	5961
ι^2	5994
κ	6024
λ	6071
μ	6155

Octans Octantis Oct		Ophiuchus (cont.)		Ophiuchus (cont.)		Orion (cont.)		Orion (cont.)		Pegasus Pegasi Peg	
α	8021	φ	6147	68	6723	2	1544	53	2004	α	8781
β	8630	χ	6118	69	[6733	3	1552	54	2047	β	8775
γ^1	9032	ψ	6104		[6734	4	1556	55	2031	γ	39
γ^2	9061	ω	6153	70	6752	5	1562	56	2037	δ	15
γ^3	30			71	6770	6	1569	57	2052	ε	8308
δ	5339	1	6056	72	6771	7	1570	58	2061	ζ	8634
ε	8481	2	6075	73	6795	8	1567	59	2100	η	8650
ζ	3678	3	6129	74	6866	9	1580	60	2103	θ	8450
η	4312	4	6104			10	1601	61	2124	ι	8430
θ	9084	5	[6112			11	1638	62	2135	κ	8315
ι	4870		[6113	Orion Orionis Ori		13	1662	63	2144	λ	8667
κ	5084	7	6118			14	1664	64	2130	μ	8684
λ	8280	8	6147			15	1676	66	2145	ν	8413
μ^1	7863	9	6153			16	1672	67	2159	ξ	8665
μ^2	7864	10	6149	α	2061	17	1698	68	2193	o	8641
ν	8254	12	6171	β	1713	18	1718	69	2198	π	8454
ξ	8663	13	6175	γ	1790	19	1713	70	2199	ρ	8717
π^1	5525	14	6205	δ	[1851	20	1735	71	2220	σ	8697
π^2	5545	16	6224		[1852	21	1746	72	2223	τ	8880
ρ	5729	19	6232	ε	1903	22	1765	73	2229	υ	8905
σ	7228	20	6243	ζ	[1948	23	1770	74	2241	φ	9036
τ	8862	21	6255		[1949	24	1790	75	2247	χ	45
υ	8505	23	6280	η	1788	25	1789			ψ	9064
φ	6829	24	6291		[1893	27	1787				
χ	6721	25	6281	θ^1	[1894	28	1788	Pavo Pavonis Pav		1	8173
ψ	8471	26	6310		[1895	29	1784			2	8225
ω	5557	27	6299		[1896	30	1811			3	8265
		29	6321	θ^2	1897	31	1834			4	8270
		30	6318	ι	1899	32	1839	α	7790	5	8267
Ophiuchus Ophiuchi Oph		35	6378	κ	2004	33	1842	β	7913	7	8289
		36	[6401	λ	[1879	34	[1851	γ	8181	8	8308
			[6402		[1880		[1852	δ	7665	9	8313
		37	6393	μ	2124	35	1864	ε	7590	10	8315
α	6556	38	6414	ν	2159	36	1855	ζ	6982	11	8328
β	6603	39	[6424	ξ	2199	37	1876	η	6582	12	8321
γ	6629		[6425	o^1	1556	38	1872	θ	7036	13	8344
δ	6056	40	6445	o^2	1580	39	[1879	ι	6761	14	8343
ε	6075	41	6415	π^1	1570		[1880	κ	7107	15	8354
ζ	6175	42	6453	π^2	1544	40	1907	λ	7074	16	8356
η	6378	43	6459	π^3	1543		[1893	μ^1	7603	17	8373
θ	6453	44	6486	π^4	1552		[1894	μ^2	7612	18	8385
ι	6281	45	6492	π^5	1567	41	[1895	ν	6916	19	8393
κ	6299	49	6498	π^6	1601		[1896	ξ	6855	20	8392
λ	6149	51	6519	ρ	1698	42	1892	o	8092	21	8404
μ	6567	52	6545	σ	1931	43	1897	π	6745	22	8413
ν	6698	53	6548	τ	1735	44	1899	ρ	7859	23	8419
ξ	6445	55	6556	υ	1855	45	1901	σ	7934	24	8430
o	[6424	57	6567	φ^1	1876	46	1903	τ	7274	25	8438
	[6425	58	6595	φ^2	1907	47	1934	υ	7881	26	8450
ρ	[6112	60	6603	χ^1	2047	48	1931	φ^1	7848	27	8449
	[6113	61	6609	χ^2	2135	49	1937	φ^2	7875	28	8459
σ	6498	62	6629	ψ	1811	50	[1948	ω	7127	29	8454
τ	[6733	64	6698	ω	1934		[1949			30	8513
	[6734	66	6712			51	1963			31	8520
υ	6129	67	6714	1	1543	52	1999			32	8522

Pegasus (cont.)		Perseus Persei Per		Perseus (cont.)		Pictor Pictoris Pic		Pisces (cont.)		Pisces (cont.)	
33	8532	α	1017	33	1017	α	2550	7	8878	75	319
34	8548	β	936	34	1044	β	2020	8	8911	77	313
35	8551	γ	915	35	1052	γ	2042	9	8912		314
36	8562	δ	1122	36	1069	δ	2212	10	8916	78	327
37	8566	ε	1220	37	1087	ζ	1767	13	8934	79	328
38	8574	ζ	1203	38	1131	η^1	1649	14	8944	80	330
39	8586	η	834	39	1122	η^2	1663	16	8954	81	339
40	8618	θ	799	40	1123	θ	1818	17	8969	82	349
41	8624	ι	937	41	1135	ι	1563	18	8984	83	352
42	8634	κ	941	42	1177		1564	19	9004	84	351
43	8641	λ	1261	43	1210	λ	1516	20	9012	85	360
44	8650	μ	1303	44	1203	μ	2412	21	9022	86	361
45	8660	ν	1135	45	1220	ν	2320	22	9033		362
46	8665	ξ	1228	46	1228			24	9041	87	364
47	8667	ο	1131	47	1261			25	9042	88	367
48	8684	π	879	48	1273	Pisces Piscium Psc		26	9048	89	378
49	8697	ρ	921	49	1277			27	9067	90	383
50	8717	σ	1052	50	1278			28	9072	91	389
51	8729	τ	854	51	1303			29	9087	93	413
52	8739	υ	464	52	1306	α	595	30	9089	94	414
53	8775	φ	496	53	1350		596	31	9092	97	432
54	8781	χ	662	54	1343	β	8773	32	9093	98	434
55	8795	ψ	1087	55	1377	γ	8852	33	3	99	437
56	8796	ω	947	56	1379	δ	224	34	26	101	455
57	8815			57	1434	ε	294	35	50	102	463
58	8821	1	533	58	1454	ζ	361	36	59	105	475
59	8826	2	536	59	1494		362	41	80	106	489
60	8827	3	568			η	437	42	86	107	493
61	8842	4	590			θ	8916	44	97	109	508
62	8880	5	627	Phoenix Phoenicis Phe		ι	8969	47	103	110	510
63	8882	7	662			κ	8911	48	106	111	549
64	8887	8	661			λ	8984	51	132	112	582
65	8891	9	685			μ	434	52	131	113	595
66	8893	10	696	α	99	ν	489	53	155		596
67	8903	11	785	β	322	ξ	549	54	166		
68	8905	12	788	γ	429	ο	510	55	167		
69	8915	13	799	δ	440	π	463	57	211	Piscis Austrinus Piscis Austrini PsA	
70	8923	14	800	ε	25	ρ	413	58	213		
71	8940	15	834	ζ	338	σ	291	59	214		
72	8943	16	840	η	191	τ	352	60	216		
73	8948	17	843	ι	8949	υ	383	61	217		
74	8960	18	854	κ	100	φ	360	62	221		
75	8963	20	855	λ^1	125	χ	351	63	224	α	8728
77	8991	21	873	λ^2	147	ψ^1	310	64	225	β	8576
78	8997	22	879	μ	180		311	65	230	γ	8695
79	9025	23	915	ν	370	ψ^2	328		231	δ	8720
80	9030	24	882	ξ	183	ψ^3	339	66	254	ε	8628
81	9036	25	921	π	9069	ω	9072	67	262	ζ	8570
82	9039	26	936	ρ	242			68	274	η	8386
84	9064	27	941	σ	9006	1	8715	69	291	θ	8326
85	9088	28	947	τ	9081	2	8742	71	294	ι	8305
86	4	29	987	υ	331	3	8750	72	308	λ	8478
87	22	30	982	φ	558	4	8773	73	307	μ	8431
88	39	31	989	χ	602	5	8807	74	310	π	8767
89	45	32	1002	ψ	555	6	8852		311	τ	8447

Piscis Austrinus (cont.)

υ	8433
5	8214
6	8230
7	8256
8	8253
9	8305
10	8326
12	8386
13	8405
14	8431
15	8447
16	8478
17	8576
18	8628
19	8637
21	8693
22	8695
23	8720
24	8728

Puppis Puppis Pup

ζ	3165
ν	2451
ξ	3045
ο	3034
π	2773
ρ	3185
σ	2878
τ	2553
1	2993
2	3009, 3010
3	2996
4	3015
5	3029
6	3044
7	3045
8	3063
9	3064
10	3073
11	3102
12	3123
14	3168
15	3185
16	3192
18	3202
19	3211
20	3229

Puppis (cont.)

21	3257
22	3289

Pyxis Pyxidis Pyx

α	3468
β	3438
γ	3518
δ	3556
ε	3644
ζ	3433
η	3420
θ	3718
κ	3628
λ	3733

Reticulum Reticuli Ret

α	1336
β	1175
γ	1264
δ	1247
ε	1355
ζ^1	1006
ζ^2	1010
η	1395
ι	1266
κ	1083

Sagitta Sagittae Sge

α	7479
β	7488
γ	7635
δ	7536
ε	7463
ζ	7546
η	7679
θ	7705
1	7301
2	7369
4	7463
5	7479
6	7488
7	7536

Sagitta (cont.)

8	7546
9	7574
10	7609
11	7622
12	7635
13	7645
15	7672
16	7679
17	7705
18	7746

Sagittarius Sagittarii Sgr

α	7348
β^1	7337
β^2	7343
γ	6746
δ	6859
ε	6879
ζ	7194
η	6832
θ^1	7623
θ^2	7624
ι	7581
κ^1	7779
κ^2	7787
λ	6913
μ	6812
ν^1	7116
ν^2	7120
ξ^1	7145
ξ^2	7150
ο	7217
π	7264
ρ^1	7340
ρ^2	7344
σ	7121
τ	7234
υ	7342
φ	7039
χ^1	7362
χ^3	7363
ψ	7292
ω	7597
1	6801
3	6616
4	6700
6	6715
7	6724
9	6736
10	6746

Sagittarius (cont.)

13	6812
14	6816
15	6822
16	6823
18	6888
19	6859
20	6879
21	6896
22	6913
24	6961
25	6965
26	7011
27	7039
28	7046
29	7078
30	7088
32	7116
33	7114
34	7121
35	7120
36	7145
37	7150
38	7194
39	7217
40	7234
41	7264
42	7292
43	7304
44	7340
45	7344
46	7342
47	7362
49	7363
50	7375
51	7431
52	7440
53	7470
54	7476
55	7489
56	7515
57	7561
58	7597
59	7604
60	7618
61	7614
62	7650
63	7649
65	7675

Scorpius Scorpii Sco

α	6134
β	5984, 5985
γ	5603
δ	5953
ε	6241
ζ^1	6262
ζ^2	6271
η	6380
θ	6553
ι^1	6615
ι^2	6631
κ	6580
λ	6527
μ^1	6247
μ^2	6252
ν	6026, 6027
ξ	5977, 5978
ο	6081
π	5944
ρ	5928
σ	6084
τ	6165
υ	6508
χ	6048
ψ	6031
ω^1	5993
ω^2	5997
1	5885
2	5904
3	5912
4	5917
5	5928
6	5944
7	5953
8	5984, 5985
9	5993
10	5997
11	6002
12	6029
13	6028
14	6026, 6027
15	6031
16	6033
17	6048
18	6060
19	6081
20	6084
21	6134
22	6141

Scorpius (cont.)

23	6165
25	6225
26	6241
27	6288
34	6508
35	6527

Sculptor Sculptoris Scl

α	280
β	8937
γ	8863
δ	9016
ε	514
ζ	9091
η	105
θ	35
ι	84
κ^1	24
κ^2	34
λ^1	185
λ^2	195
μ	8975
ξ	288
π	497
σ	293
τ	462

Scutum Scuti Sct

α	6973
β	7063
γ	6930
δ	7020
ε	7032
ζ	6884
η	7149

Serpens Serpentis Ser

α	5854
β	5867
γ	5933
δ	5788, 5789
ε	5892

Serpens (cont.)

ζ	6710
η	6869
θ	[7141
	[7142
ι	5842
κ	5879
λ	5868
μ	5881
ν	6446
ξ	6561
ο	6581
π	5972
ρ	5899
σ	6093
τ^1	5739
τ^2	5770
τ^3	5795
τ^5	5804
τ^6	5840
τ^7	5845
τ^8	5858
υ	5870
φ	5940
χ	5843
ψ	5853
ω	5888
3	5675
4	5679
5	5694
6	5710
7	5717
8	5721
9	5739
10	5746
11	5772
12	5770
13	[5788
	[5789
14	5799
15	5795
16	5802
18	5804
19	5840
20	5843
21	5842
22	5845
23	5853
24	5854
25	5863
26	5858
27	5868
28	5867
31	5870
32	5881

Serpens (cont.)

34	5888
35	5879
36	5895
37	5892
38	5899
39	5911
40	5919
41	5933
43	5976
44	5972
45	6004
47	6010
50	6093
53	6446
55	6561
56	6581
57	6710
58	6869
59	6918
60	6935
61	6957
63	[7141
	[7142
64	7158

Sextans
Sextantis
Sex

α	3981
β	4119
γ	3909
δ	4116
ε	4042
4	3893
6	3899
7	3906
8	3909
12	3945
13	3961
14	3973
15	3981
17	3989
18	3996
19	4004
22	4042
23	4064
25	4082
29	4116
30	4119
33	4182
35	4193
36	4201

Sextans (cont.)

40	4229
41	4237

Taurus
Tauri
Tau

α	1457
β	1791
γ	1346
δ	1373
ε	1409
ζ	1910
η	1165
θ^1	1411
θ^2	1412
ι	1620
κ	1387
λ	1239
μ	1320
ν	1251
ξ	1038
ο	1030
π	1396
ρ	1444
σ^1	1478
σ^2	1479
τ	1497
υ	1392
φ	1348
χ	1369
ψ	1269
ω	1329
1	1030
2	1038
4	1061
5	1066
6	1079
7	1086
10	1101
11	1118
12	1115
13	1126
14	1132
16	1140
17	1142
18	1144
19	1145
20	1149
21	1151
22	1152
23	1156
25	1165

Taurus (cont.)

27	1178
28	1180
29	1153
30	1174
31	1199
32	1218
33	1221
35	1239
36	1252
37	1256
38	1251
39	1262
40	1253
41	1268
42	1269
43	1283
44	1287
45	1292
46	1309
47	1311
48	1319
49	1320
50	1329
51	1331
52	1348
53	1339
54	1346
56	1341
57	1351
58	1356
59	1369
60	1368
61	1373
62	1378
63	1376
64	1380
65	1387
66	1381
67	1388
68	1389
69	1392
70	1391
71	1394
72	1399
73	1396
74	1409
75	1407
76	1408
77	1411
78	1412
79	1414
80	1422
81	1428
83	1430
85	1432

Taurus (cont.)

86	1444
87	1457
88	1458
89	1472
90	1473
91	1478
92	1479
93	1484
94	1497
95	1499
96	1537
97	1547
98	1590
99	1586
102	1620
103	1659
104	1656
105	1660
106	1658
108	1711
109	1739
110	1774
111	1780
112	1791
113	1798
114	1810
115	1808
116	1814
117	1816
118	1821
119	1845
120	1858
121	1875
122	1905
123	1910
125	1928
126	1946
129	1985
130	1990
131	1989
132	2002
133	1993
134	2010
135	2016
136	2034
137	2033
139	2084

Telescopium
Telescopii
Tel

α	6897
δ^1	6934
δ^2	6938
ε	6783
ζ	6905
η	7329
ι	7424
κ	7087
λ	7134
ν	7510
ξ	7673
ρ	7213

Triangulum
Trianguli
Tri

α	544
β	622
γ	664
δ	660
ε	599
2	544
3	599
4	622
5	634
6	642
7	655
8	660
9	664
10	675
11	712
12	717
13	720
14	736
15	750

Triangulum Australe
Trianguli Australis
TrA

α	6217
β	5897
γ	5671
δ	6030
ε	5771
ζ	6098
η^1	6172
θ	6151
ι	6109
κ	5891

Tucana
Tucanae
Tuc

α	8502
β^1	126
β^2	127
γ	8848
δ	8540
ε	9076
ζ	77
η	9062
θ	139
ι	332
κ	377
λ^1	252
λ^2	270
ν	8582
ξ	95
π	83
ρ	187

Ursa Major
Ursae Majoris
UMa

α	4301
β	4295
γ	4554
δ	4660
ε	4905
ζ	[5054 [5055
η	5191
θ	3775
ι	3569
κ	3594
λ	4033
μ	4069
ν	4377
ξ	[4374 [4375
ο	3323
π^1	3391
π^2	3403
ρ	3576
σ^1	3609
σ^2	3616
τ	3624
υ	3888
φ	3894
χ	4518
ψ	4335
ω	4248
1	3323
2	3354
3	3391

Ursa Major (cont.)

4	3403
5	3505
6	3531
8	3576
9	3569
11	3609
12	3594
13	3616
14	3624
15	3619
16	3648
17	3660
18	3662
22	3768
23	3757
24	3771
25	3775
26	3799
27	3839
28	3865
29	3888
30	3894
31	3917
32	4026
33	4033
34	4069
35	4106
36	4112
37	4141
38	4178
39	4187
41	4202
42	4236
43	4235
44	4246
45	4248
46	4258
47	4277
48	4295
49	4288
50	4301
51	4309
52	4335
53	[4374 [4375
54	4377
55	4380
56	4392
57	4422
58	4431
59	4477
60	4480
61	4496
62	4501
63	4518

Ursa Major (cont.)

64	4554
65	[4560 [4561
66	4566
67	4594
68	4641
69	4660
70	4701
71	4726
73	4745
74	4760
75	4762
76	4833
77	4905
78	4931
79	[5054 [5055
80	5062
81	5109
82	5142
83	5154
84	5187
85	5191
86	5238

Ursa Minor
Ursae Minoris
UMi

α	424
β	5563
γ	5735
δ	6789
ε	6322
ζ	5903
η	6116
θ	5826
λ	7394
1	424
3	5305
4	5321
5	5430
7	5563
11	5714
13	5735
15	5826
16	5903
19	6079
20	6082
21	6116
22	6322
23	6789
24	6811

Vela
Velorum
Vel

γ	3207
δ	3485
κ	3734
λ	3634
μ	4216
ο	3447
φ	3940
ψ	3786

Virgo
Virginis
Vir

α	5056
β	4540
γ	[4825 [4826
δ	4910
ε	4932
ζ	5107
η	4689
θ	4963
ι	5338
κ	5315
λ	5359
μ	5487
ν	4517
ξ	4515
ο	4608
π	4589
ρ	4828
σ	5015
τ	5264
υ	5366
φ	5409
χ	4813
ψ	4902
ω	4483
1	4483
2	4515
3	4517
4	4528
5	4540
6	4559
7	4585
8	4589
9	4608
10	4626
11	4629
12	4650
13	4681
15	4689
16	4695

Virgo (cont.)

17	4708
20	4777
21	4781
25	4799
26	4813
27	4824
29	[4825 [4826
30	4828
31	4829
32	4847
33	4849
34	4855
35	4858
37	4878
38	4891
40	4902
41	4900
43	4910
44	4921
46	4925
47	4932
48	4937
49	4955
50	4961
51	4963
53	4981
54	4990
55	4995
57	5001
59	5011
60	5015
61	5019
63	5044
64	5040
65	5047
66	5050
67	5056
68	5064
69	5068
70	5072
71	5081
72	5088
73	5094
74	5095
75	5099
76	5100
78	5105
79	5107
80	5111
82	5150
83	5165
84	5159
85	5170
86	5173

Virgo (cont.)

87	5181
89	5196
90	5232
92	5244
93	5264
95	5290
96	5298
98	5315
99	5338
100	5359
102	5366
104	5406
105	5409
106	5410
107	5487
108	5501
109	5511
110	5601

Volans
Volantis
Vol

α	3615
β	3347
γ^1	2735
γ^2	2736
δ	2803
ε	3223
ζ	3024
η	3334
θ	3460
ι	2602
κ^1	3301
κ^2	3302

Vulpecula
Vulpeculae
Vul

α	7405
1	7306
2	7318
3	7358
4	7385
5	7390
6	7405
7	7409
8	7406
9	7437
10	7506
12	7565

Vulpecula (cont.)	
13	7592
14	7641
15	7653
16	7657
17	7688
18	7711
19	7718
20	7719
21	7731
22	7741
23	7744
24	7753
25	7789
26	7874
27	7880
28	7894
29	7891
30	7939
31	7995
32	8008
33	8032
35	8217

Name	BS No	HR m	Sp	RA (1900)	Dec	Other Designation
Achernar	472	0.60	B5	1^h34^m	-57° 45′	α Eridani
Alcor	5062	4.02	A5	13 21	+55 31	80 Ursae Majoris
Alcyone	1165	2.96	B5	3 42	+23 48	η Tauri
Aldebaran	1457	1.06	K5	4 30	+16 18	α Tauri
Alderamin	8162	2.60	A5	21 16	+62 10	α Cephei
Alfard	3748	2.16	K2	9 23	- 8 14	α Hydrae
Algenib	39	2.87	B2	0 8	+14 38	γ Pegasi
Algol	936	var	B8	3 2	+40 34	β Persei
Alcaid	5191	1.91	B3	13 44	+49 49	η Ursae Majoris
Alioth	4905	1.68	A0	12 50	+56 30	ε Ursae Majoris
Almach	603	2.28	K0	1 58	+41 51	γ Andromedae
Alphecca	5793	2.31	A0	15 30	+27 3	α Coronae Borealis
Alpheratz	15	2.15	A0	0 3	+28 32	α Andromedae
Alruccabah	424	var	F8	1 23	+88 46	α Ursae Minoris
Altair	7557	0.89	A5	19 46	+ 8 36	α Aquilae
Antares	6134	1.22	Ma	16 23	-26 13	α Scorpii
Arcturus	5340	0.24	K0	14 11	+19 42	α Bootis
Bellatrix	1790	1.70	B2	5 20	+ 6 16	γ Orionis
Betelgeuse	2061	var	Ma	5 50	+ 7 23	α Orionis
Canopus	2326	-0.9	F0	6 22	-52 38	α Carinae
Capella	1708	0.21	G0	5 9	+45 54	α Aurigae
Caph	21	2.42	F5	0 4	+58 36	β Cassiopeiae
Castor	2891	1.99	A0	7 28	+32 6	α Geminorum
Cynosura	424	var	F8	1 23	+88 46	α Ursae Minoris
Deneb	7924	1.33	A2	20 38	+44 55	α Cygni
Deneb Kaitos	188	2.24	K0	0 39	-18 32	β Ceti
Denebola	4534	2.23	A2	11 44	+15 8	β Leonis
Dubhe	4301	1.95	K0	10 58	+62 17	α Ursae Majoris
Fomalhaut	8728	1.29	A3	22 52	-30 9	α Piscis Austrini
Kochab	5563	2.24	K5	14 51	+74 34	β Ursae Minoris
Markab	8781	2.57	A0	23 0	+14 40	α Pegasi
Megrez	4660	3.44	A2	12 10	+57 35	δ Ursae Majoris
Menkar	911	2.82	Ma	2 57	+ 3 42	α Ceti
Merak	4295	2.44	A0	10 56	+56 55	β Ursae Majoris
Mira	681	var	Md	2 14	- 3 26	o Ceti
Mirach	337	2.37	Ma	1 4	+35 5	β Andromedae
Mirfak	1017	1.90	F5	3 17	+49 30	α Persei
Mizar	5054	2.40	A2	13 20	+55 27	ζ Ursae Majoris
Phecda	4554	2.54	A0	11 49	+54 15	γ Ursae Majoris
Polaris	424	var	F8	1 23	+88 46	α Ursae Minoris
Pollux	2990	1.21	K0	7 39	+28 16	β Geminorum
Procyon	2943	0.48	F5	7 34	+ 5 29	α Canis Minoris
Rasalhague	6556	2.14	A5	17 30	+12 38	α Ophiuchi
Rasalgethi	6406	var	Mb	17 10	+14 30	α Herculis
Regulus	3982	1.34	B8	10 3	+12 27	α Leonis
Rigel	1713	0.34	B8	5 10	- 8 19	β Orionis
Scheat	8775	2.61	Mb	22 59	+27 32	β Pegasi
Schedar	168	var	K0	0 35	+55 59	α Cassiopeiae
Sirius	2491	-1.6	A0	6 41	-16 35	α Canis Majoris
Spica	5056	1.21	B2	13 20	-10 38	α Virginis
Thuban	5291	3.64	A0	14 2	+64 51	α Draconis
Vega	7001	0.14	A0	18 34	+38 41	α Lyrae

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